Round 3-digit numbers to the nearest 100

Grade 3 Rounding Worksheet

Example: 689 rounded to the nearest 100 is 700

Round to the nearest hundred.

1. 660 = _____ 2. 107 = _____ 3. 413 = _____

4. 363 = _____ 5. 228 = _____ 6. 687 = _____

7. 164 = _____ 8. 732 = _____ 9. 407 = _____

10. 268 = _____ 11. 810 = _____ 12. 756 = _____

13. 521 = _____ 14. 497 = _____ 15. 312 = _____

16. 473 = _____ 17. 255 = _____ 18. 829 = _____

19. 635 = _____ 20. 695 = _____ 21. 443 = _____

Round numbers to the nearest 10 or 100

Grade 3 Rounding Worksheet

Example: 4,689 rounded to the nearest 1,000 is 5,000

Round to the accuracy of the underlined digit.

1. 1,<u>3</u>11 = _____ 2. 4,<u>8</u>62 = _____ 3. 4<u>1</u>2 = _____

4. 1,0<u>4</u>2 = _____ 5. 9,7<u>8</u>5 = _____ 6. 1,0<u>3</u>2 = _____

7. 5<u>7</u>6 = _____ 8. 6,3<u>5</u>0 = _____ 9. 6,8<u>9</u>5 = _____

10. 3,<u>3</u>28 = _____ 11. <u>7</u>06 = _____ 12. 9,<u>5</u>21 = _____

13. 5,<u>4</u>69 = _____ 14. 9,<u>1</u>82 = _____ 15. 9,<u>5</u>79 = _____

16. 5,<u>9</u>14 = _____ 17. 6,<u>2</u>87 = _____ 18. 1,<u>8</u>73 = _____

19. <u>3</u>23 = _____ 20. 6,9<u>2</u>3 = _____ 21. <u>1</u>85 = _____

Build a 3-digit number from the parts

Grade 3 Place Value Worksheet

Example: 836 = 800 + 30 + 6

Write the 3-digit numbers

1. ____ 200 + 50 + 7
2. ____ 800 + 20 + 4
3. ____ 400 + 40 + 9
4. ____ 900 + 80 + 6
5. ____ 700 + 90 + 1
6. ____ 800 + 60 + 8
7. ____ 800 + 8
8. ____ 500 + 5
9. ____ 900 + 40 + 8
10. ____ 500 + 10 + 9
11. ____ 500 + 60 + 3
12. ____ 500 + 20 + 7
13. ____ 400 + 50
14. ____ 900 + 80
15. ____ 500 + 60 + 8
16. ____ 500 + 50 + 4
17. ____ 300 + 40 + 5
18. ____ 100 + 20

Multiplication Tables - 4 & 6

Grade 3 Multiplication Worksheet

Find the product.

1. $4 \times 7 =$ _____
2. $6 \times 9 =$ _____
3. $4 \times 8 =$ _____
4. $4 \times 6 =$ _____
5. $6 \times 2 =$ _____
6. $6 \times 6 =$ _____
7. $4 \times 4 =$ _____
8. $4 \times 11 =$ _____
9. $4 \times 2 =$ _____
10. $6 \times 7 =$ _____
11. $6 \times 5 =$ _____
12. $4 \times 5 =$ _____
13. $6 \times 12 =$ _____
14. $6 \times 4 =$ _____
15. $6 \times 8 =$ _____
16. $6 \times 1 =$ _____
17. $4 \times 9 =$ _____
18. $6 \times 10 =$ _____
19. $4 \times 12 =$ _____
20. $6 \times 3 =$ _____
21. $4 \times 10 =$ _____
22. $4 \times 1 =$ _____
23. $4 \times 3 =$ _____
24. $6 \times 11 =$ _____
25. $4 \times 5 =$ _____
26. $6 \times 3 =$ _____
27. $6 \times 5 =$ _____

Multiplication Tables - 7, 8 & 9

Grade 3 Multiplication Worksheet

Find the product.

1. $7 \times 12 =$ _____
2. $9 \times 10 =$ _____
3. $8 \times 5 =$ _____
4. $7 \times 4 =$ _____
5. $8 \times 4 =$ _____
6. $7 \times 7 =$ _____
7. $9 \times 5 =$ _____
8. $7 \times 9 =$ _____
9. $7 \times 5 =$ _____
10. $9 \times 3 =$ _____
11. $7 \times 6 =$ _____
12. $8 \times 9 =$ _____
13. $8 \times 3 =$ _____
14. $8 \times 1 =$ _____
15. $7 \times 3 =$ _____
16. $7 \times 2 =$ _____
17. $8 \times 11 =$ _____
18. $9 \times 8 =$ _____
19. $7 \times 11 =$ _____
20. $8 \times 10 =$ _____
21. $9 \times 7 =$ _____
22. $9 \times 2 =$ _____
23. $9 \times 9 =$ _____
24. $7 \times 1 =$ _____
25. $9 \times 6 =$ _____
26. $8 \times 6 =$ _____
27. $9 \times 1 =$ _____

Multiply in columns - 1 digit by 2 digit

Grade 3 Multiplication Worksheet

Find the product.

1. $57 \times 9 = \_\_\_\_$

2. $59 \times 9 = \_\_\_\_$

3. $41 \times 8 = \_\_\_\_$

4. $72 \times 5 = \_\_\_\_$

5. $78 \times 6 = \_\_\_\_$

6. $82 \times 2 = \_\_\_\_$

7. $41 \times 6 = \_\_\_\_$

8. $74 \times 1 = \_\_\_\_$

9. $71 \times 1 = \_\_\_\_$

10. $36 \times 1 = \_\_\_\_$

11. $50 \times 7 = \_\_\_\_$

12. $69 \times 9 = \_\_\_\_$

13. $84 \times 4 = \_\_\_\_$

14. $26 \times 9 = \_\_\_\_$

15. $99 \times 5 = \_\_\_\_$

Multiplication Tables - 2 to 12 practice

Grade 3 Multiplication Worksheet

Find the missing number.

1. ____ × 2 = 14
2. 11 × ____ = 22
3. 8 × ____ = 48
4. 4 × 2 = ____
5. 7 × ____ = 63
6. 11 × ____ = 88
7. ____ × 10 = 20
8. 4 × ____ = 36
9. 11 × ____ = 77
10. 12 × 4 = ____
11. 11 × ____ = 121
12. 12 × 6 = ____
13. ____ × 11 = 132
14. 8 × ____ = 40
15. ____ × 7 = 56
16. 10 × ____ = 50
17. 8 × ____ = 16
18. 3 × ____ = 15
19. 11 × 5 = ____
20. 11 × 4 = ____
21. ____ × 5 = 60
22. 8 × 8 = ____
23. 11 × ____ = 66
24. ____ × 9 = 27
25. 3 × 4 = ____
26. ____ × 6 = 60
27. ____ × 9 = 99

Division Facts: Dividing by 1 - 12

Grade 3 Division Worksheet

Find the quotient.

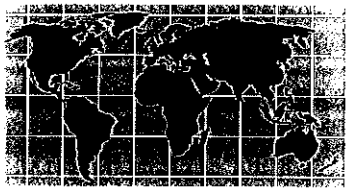
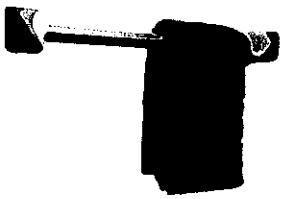
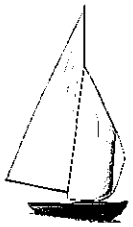
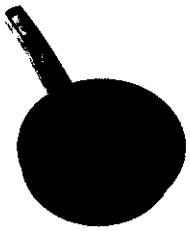
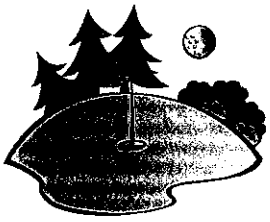
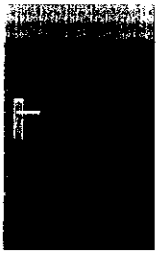
1. 63 ÷ 7 = _____
2. 16 ÷ 8 = _____
3. 4 ÷ 2 = _____
4. 54 ÷ 9 = _____
5. 30 ÷ 5 = _____
6. 80 ÷ 8 = _____
7. 10 ÷ 5 = _____
8. 70 ÷ 7 = _____
9. 11 ÷ 11 = _____
10. 42 ÷ 7 = _____
11. 21 ÷ 3 = _____
12. 40 ÷ 5 = _____
13. 49 ÷ 7 = _____
14. 24 ÷ 8 = _____
15. 5 ÷ 5 = _____
16. 90 ÷ 9 = _____
17. 2 ÷ 2 = _____
18. 66 ÷ 11 = _____
19. 90 ÷ 10 = _____
20. 36 ÷ 9 = _____
21. 42 ÷ 6 = _____
22. 81 ÷ 9 = _____
23. 48 ÷ 8 = _____
24. 16 ÷ 2 = _____
25. 20 ÷ 5 = _____
26. 56 ÷ 8 = _____
27. 60 ÷ 10 = _____

K5 Learning

Units of length: inches, feet, yards & miles

Grade 3 Measurement Worksheet

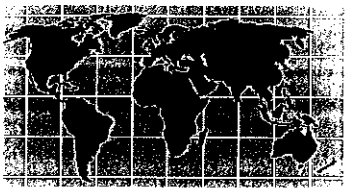
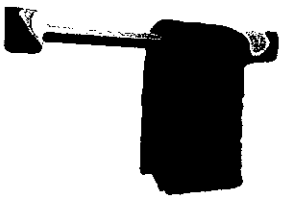
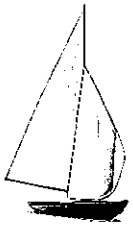
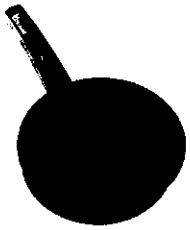
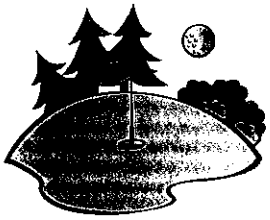
Circle the proper unit for each of the following.

Distance between two continents 	Distance of a marathon race 	Length of a baby's feet 
inches / yard / miles	feet / yards / miles	inches / feet / yards
Length of a dolphin 	Width of a towel 	Length of a sailboat 
inches / feet / yards	inches / yards / miles	inches / yards / miles
Size of a frying pan 	Length of golf course 	Height of door 
inches / feet / yards	inches / yards / miles	inches / feet / miles

Metric units of length: centimeters, meters and kilometers

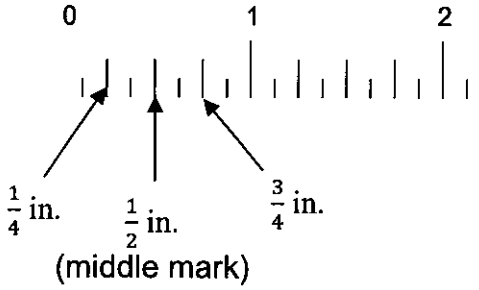
Grade 3 Measurement Worksheet

Circle the proper unit for each of the following.

Distance between two continents 	Distance of a marathon race 	Length of a baby's feet 
cm / m / km	cm / m / km	cm / m / km
Length of a dolphin 	Width of a towel 	Length of a sailboat 
cm / m / km	cm / m / km	cm / m / km
Size of a frying pan 	Length of golf course 	Height of door 
cm / m / km	cm / m / km	cm / m / km

Measuring lengths to the nearest quarter inch

Grade 3 Measurement Worksheet



Use an inch ruler to measure the following lines.

1. _____ _____ inches
2. _____ _____ inches
3. _____ _____ inches
4. _____ _____ inches
5. _____ _____ inches
6. _____ _____ inches

Use an inch ruler to draw lines with the following lengths.

7. $5\frac{1}{2}$ inches

8. $\frac{3}{4}$ inches

9. $1\frac{1}{4}$ inches

Measuring lengths to the nearest mm

Grade 3 Measurement Worksheet

Each smaller marking between represents 1 mm, and 10 mm equals to 1 cm.

Use a metric ruler to measure the following lines. Write the answer in cm (using decimals) and then again in mm.

1.

_____ cm

_____ mm

2.

_____ cm

_____ mm

3.

_____ cm

_____ mm

4.

_____ cm

_____ mm

5.

_____ cm

_____ mm

6.

_____ cm

_____ mm

Use a metric ruler to draw the lines with the following measurement.

7. 35 mm

8. 6.1 cm

9. 74 mm

Convert between yards, feet and inches

Grade 3 Measurement Worksheet

Note: 1 yard (yd) = 3 feet (ft); 1 foot = 12 inches (in)

Convert the given measures to new units.

1. 7 yd = _____ in
2. 18 ft = _____ yd
3. 144 in = _____ ft
4. 15 yd = _____ ft
5. 6 yd = _____ ft
6. 4 yd = _____ ft
7. 9 ft = _____ yd
8. 6 ft = _____ in
9. 12 in = _____ ft
10. 36 in = _____ yd
11. 15 ft = _____ in
12. 11 yd = _____ ft
13. 5 yd = _____ in
14. 36 ft = _____ yd
15. 27 ft = _____ yd
16. 19 yd = _____ in
17. 10 yd = _____ in
18. 12 ft = _____ in
19. 19 ft = _____ in
20. 19 yd = _____ ft

Metric Units: millimeters and centimeters

Grade 3 Measurement Worksheet

Note: 1 centimeter (cm) = 10 millimeters (mm)

Convert the given measures to new units.

1. 70 cm = _____ mm
2. 30 cm = _____ mm
3. 90 mm = _____ cm
4. 20 cm = _____ mm
5. 80 mm = _____ cm
6. 40 mm = _____ cm
7. 60 mm = _____ cm
8. 90 cm = _____ mm
9. 30 mm = _____ cm
10. 10 cm = _____ mm
11. 40 cm = _____ mm
12. 50 cm = _____ mm
13. 70 mm = _____ cm
14. 50 mm = _____ cm
15. 60 cm = _____ mm
16. 20 mm = _____ cm
17. 80 cm = _____ mm
18. 10 mm = _____ cm
19. 10 mm = _____ cm
20. 40 mm = _____ cm

Metric Units: meters, centimeters and millimeters

Grade 3 Measurement Worksheet

Note: 1 meter (m) = 100 centimeters (cm) = 1,000 millimeters (mm)

Convert to the units shown:

1. 61 m = _____ cm
2. 63 cm = _____ mm
3. 48 m = _____ mm
4. 44 m = _____ cm
5. 92 m = _____ cm
6. 59 m = _____ cm
7. 32 m = _____ cm
8. 53 m = _____ cm
9. 34 m = _____ mm
10. 14 m = _____ mm

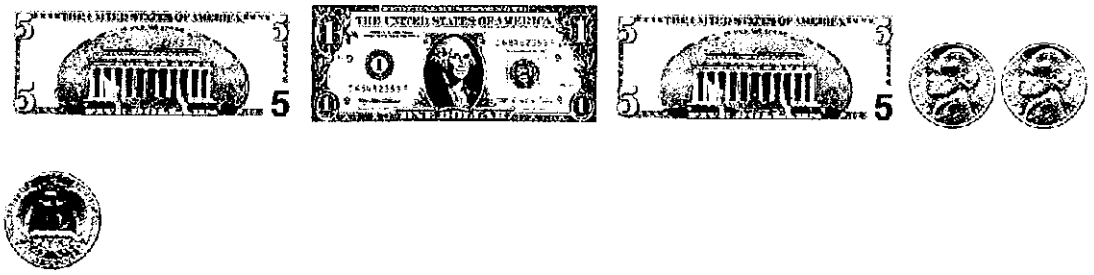
Convert to the units shown:

11. 8,000 cm = _____ m
12. 7,000 mm = _____ m
13. 6,000 cm = _____ m
14. 6,000 mm = _____ cm
15. 3,000 cm = _____ m
16. 8,000 mm = _____ m
17. 9,000 mm = _____ cm
18. 7,000 mm = _____ cm
19. 2,000 mm = _____ m
20. 1,000 mm = _____ cm

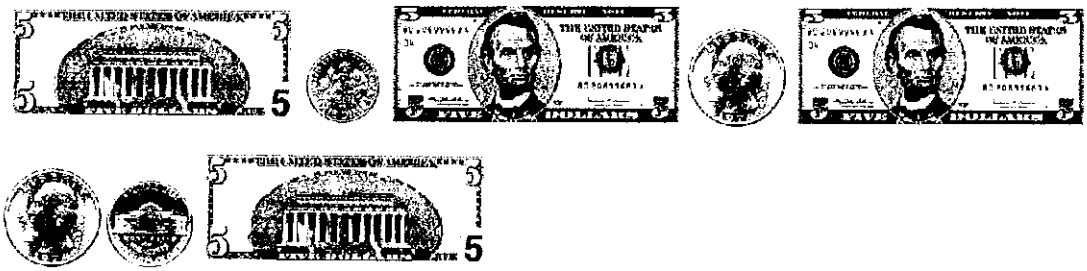
Counting money - the 4 coins plus $1 and $5 bills

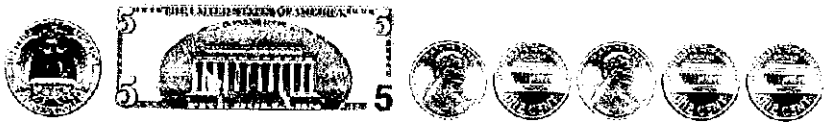
Grade 3 Counting Money Worksheet

Add the money.

1.  = _____

2.  = _____

3.  = _____

4.  = _____

5.  = _____

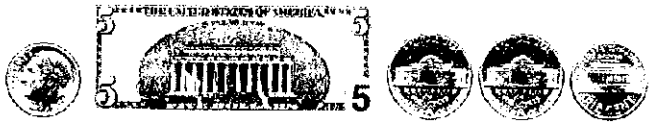
6.  = _____

7.  = _____

Counting money - the 4 coins plus $1 and $5 bills

Grade 3 Counting Money Worksheet

Add the money.

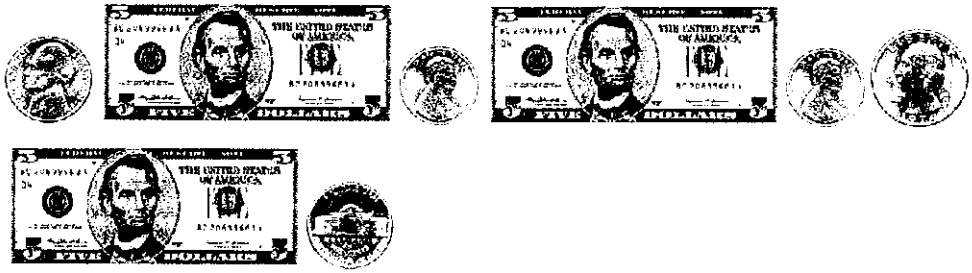
1.  = _____

2.  = _____

3.  = _____

4.  = _____

5.  = _____

6.  = _____

7.  = _____

Shopping problems

Grade 3 Counting Money Worksheet

Using the below item prices, solve the questions.

hot dog = $1.00	cola = $1.00
order of French-fries = $1.00	ice cream cone = $1.00
hamburger = $2.00	milk shake = $2.00
deluxe cheeseburger = $3.00	taco = $2.00

1. _____ What is the total cost of a hamburger and two colas?
2. _____ If Marcie buys two orders of French-fries, three hamburgers, and five deluxe cheeseburgers, and if she had $30.00, how much money will she have left?
3. _____ If Paul buys four hamburgers and a taco, how much change will he get back from $15.00?
4. _____ What is the total cost of three deluxe cheeseburgers?
5. _____ If Jackie buys a taco, two hamburgers, and two milk shakes, how much change will she get back from $20.00?
6. _____ What is the total cost of two milk shakes and three deluxe cheeseburgers?
7. _____ What is the total cost of a taco and five deluxe cheeseburgers?
8. _____ Ellen purchases two hot dogs. What will her's change be if she pays $10.00?

Counting money - shopping problems

Grade 3 Counting Money Worksheet

Using the below item prices, solve the questions.

hot dog = $1.50	cola = $1.10
order of French-fries = $0.90	ice cream cone = $1.20
hamburger = $2.30	milk shake = $2.60
deluxe cheeseburger = $3.80	taco = $2.30

1. _____ Amy purchases a hamburger, a deluxe cheeseburger, and a taco. If she had $15.00, how much money will she have left?

2. _____ Billy purchases a hamburger and a milk shake. How much change will he get back from $10.00?

3. _____ Sharon wants to buy a hot dog and a deluxe cheeseburger. How much money will she need?

4. _____ Adam wants to buy a hot dog. How much money will he need?

5. _____ If David wanted to buy an ice cream cone and a hamburger, how much would he have to pay?

6. _____ Brian purchases a cola, an order of French-fries, and a hot dog. How much money will he get back if he pays $10.00?

7. _____ If Steven wanted to buy a taco, an ice cream cone, and a cola, how much would he have to pay?

8. _____ Jake purchases a hot dog. How much change will he get back from $5.00?

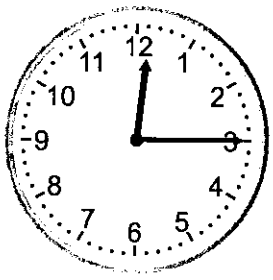
9. _____ What is the total cost of a taco, a hot dog, and a deluxe cheeseburger?

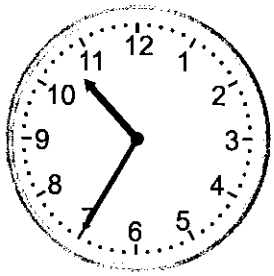
10. _____ What is the total cost of an ice cream cone and a deluxe cheeseburger?

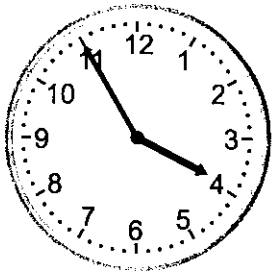
Telling time - 5 minute intervals

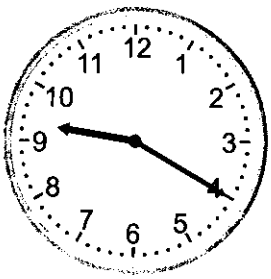
Grade 3 Time Worksheet

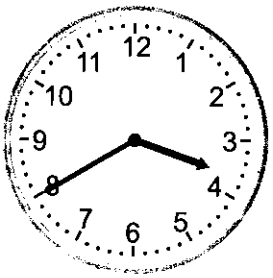
Write the time below each clock.

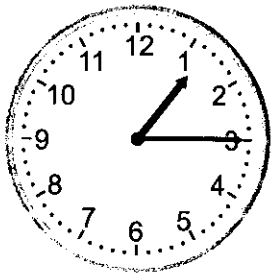
1. 

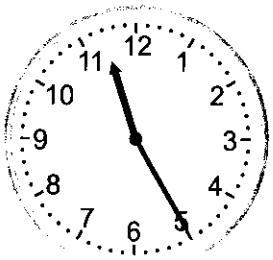
2. 

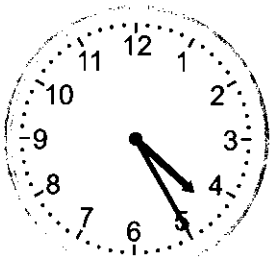
3. 

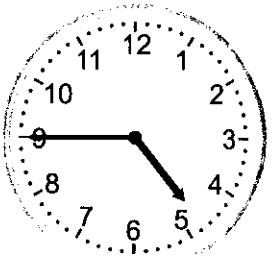
4. 

5. 

6. 

7. 

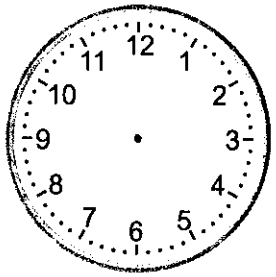
8. 

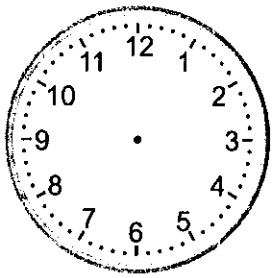
9. 

Telling time - 5 minute intervals (draw the clock)

Grade 3 Time Worksheet

Draw the time shown on each clock.

1. 
2:05

2. 
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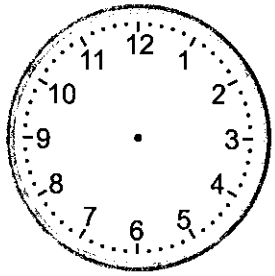
3. 
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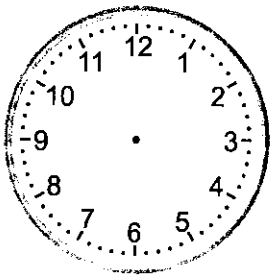
4. 
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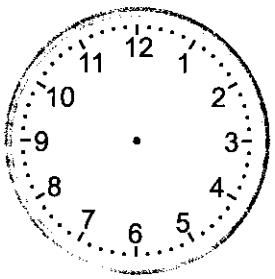
5. 
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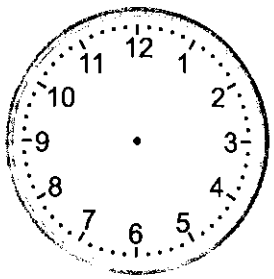
6. 
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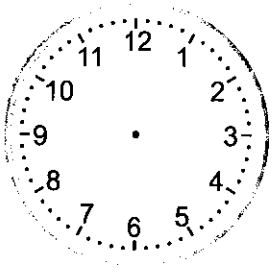
7. 
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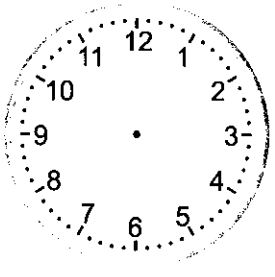
8. 
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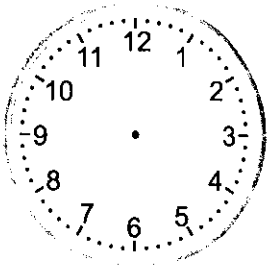
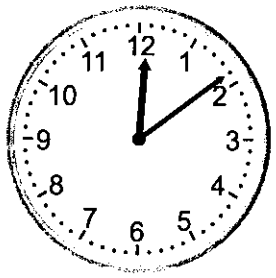
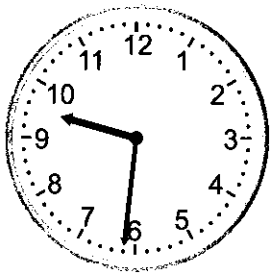
9. 
2:50

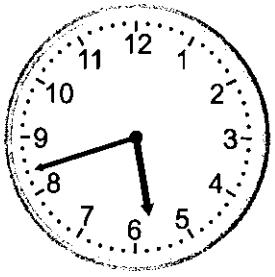
Telling time - 1 minute intervals

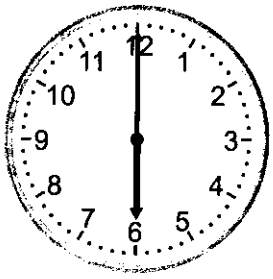
Grade 3 Time Worksheet

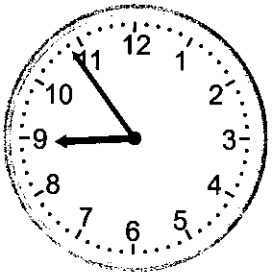
Write the time below each clock.

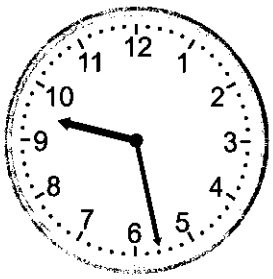
1. 

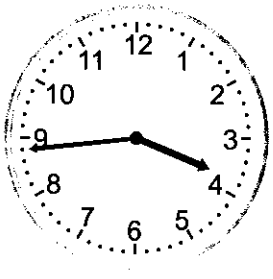
2. 

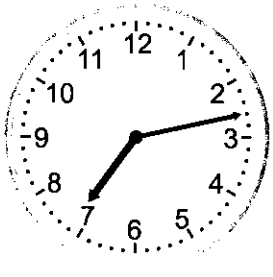
3. 

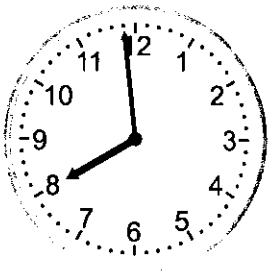
4. 

5. 

6. 

7. 

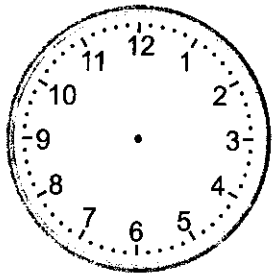
8. 

9. 

Telling time - 1 minute intervals (draw the clock)

Grade 3 Time Worksheet

Draw the time shown on each clock.

1. 
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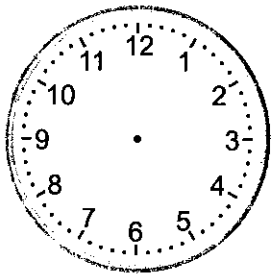
2. 
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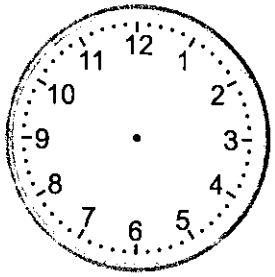
3. 
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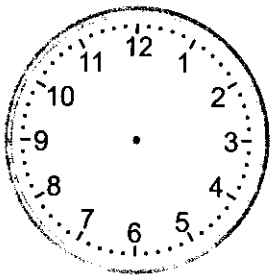
4. 
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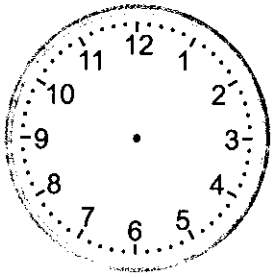
5. 
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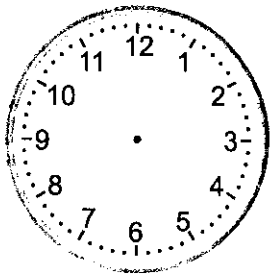
6. 
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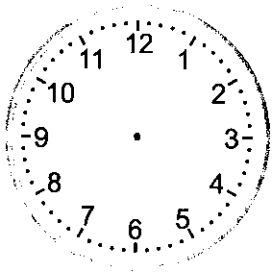
7. 
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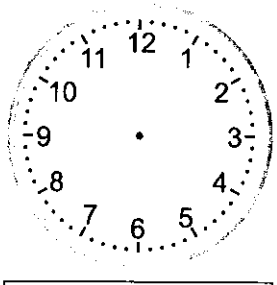
8. 
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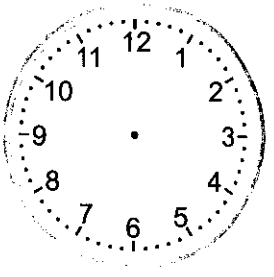
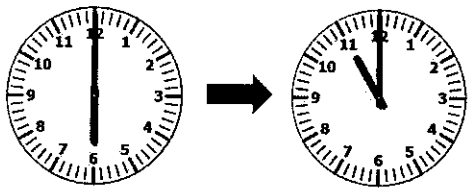
9. 
7:28

Elapsed time

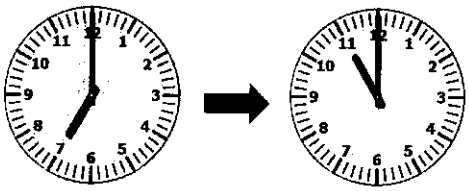
Grade 3 Time Worksheet

Write down the time which has elapsed between the two clocks.

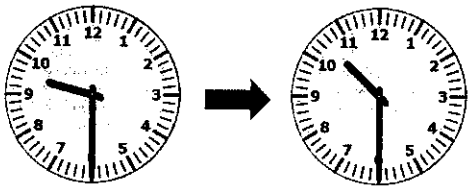
1. Elapsed time = _____ hours



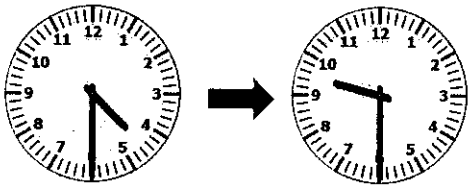
2. Elapsed time = _____ hours



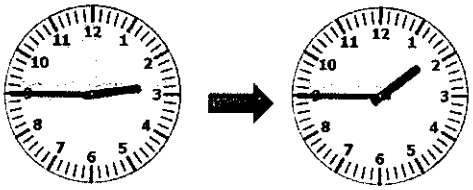
3. Elapsed time = _____ hours



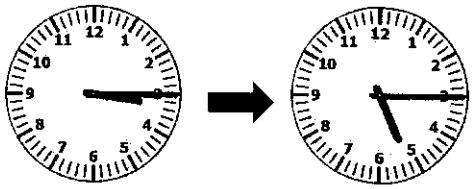
4. Elapsed time = _____ hour



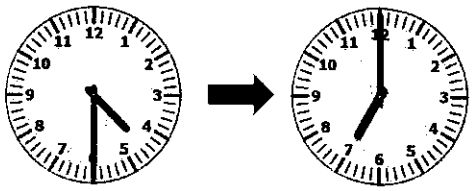
5. Elapsed time = _____ hours



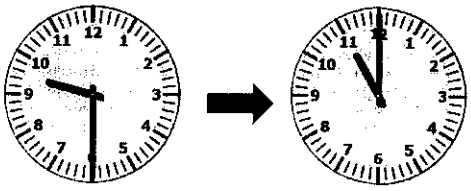
6. Elapsed time = _____ hours



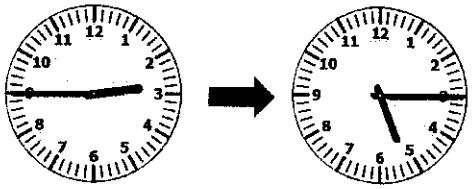
7. Elapsed time = _____ hours



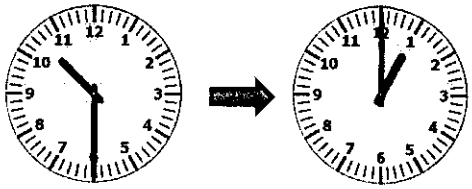
8. Elapsed time = _____ hours



9. Elapsed time = _____ hours



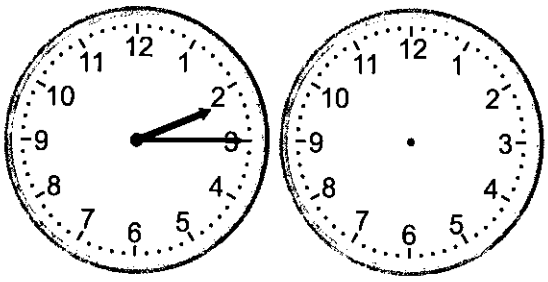
10. Elapsed time = _____ hours



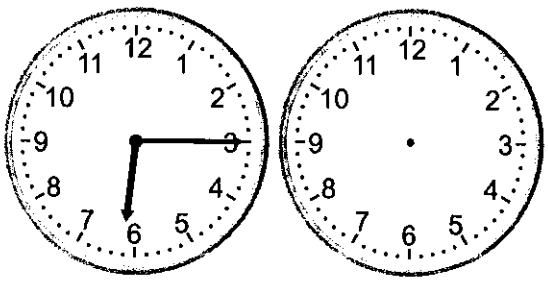
Elapsed time - forward and backwards (15 minute increments)

Grade 3 Time Worksheet

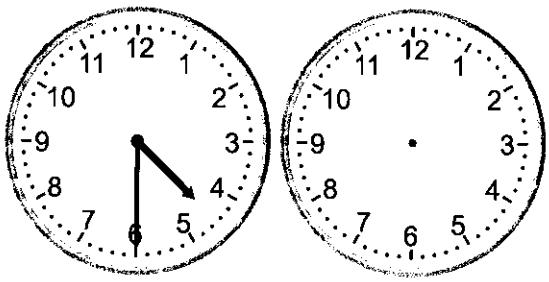
Draw the clock hands to show the time it was or will be.

1. 

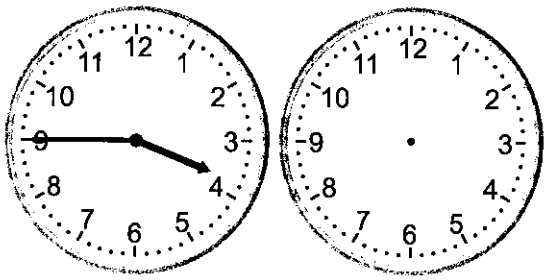
What time will it be in 3 hours 45 minutes?

2. 

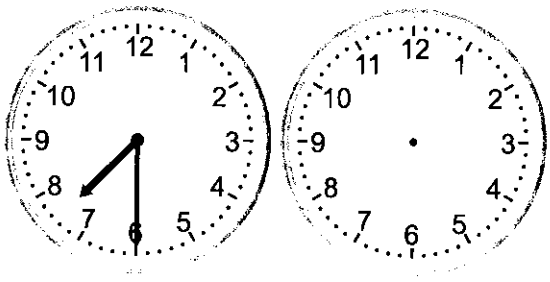
What time was it 1 hour 45 minutes ago?

3. 

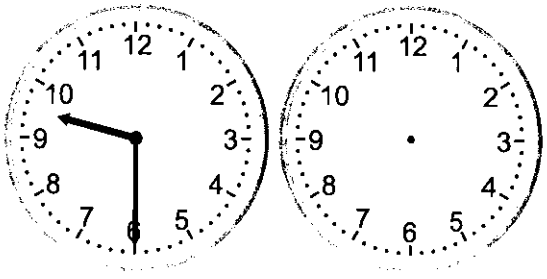
What time was it 1 hour 45 minutes ago?

4. 

What time was it 4 hours 45 minutes ago?

5. 

What time was it 1 hour 0 minutes ago?

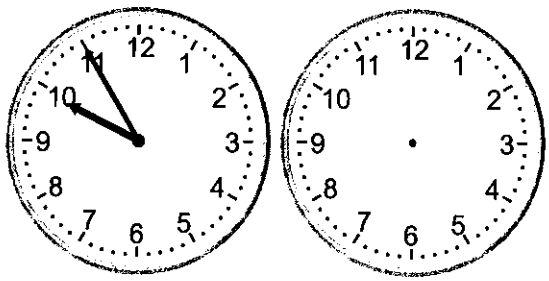
6. 

What time was it 5 hours 30 minutes ago?

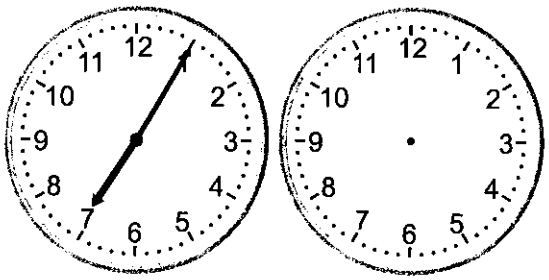
Elapsed time - forward and backwards (5 minute increments)

Grade 3 Time Worksheet

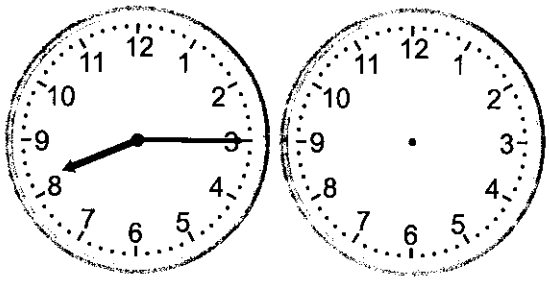
Draw the clock hands to show the time it was or will be.

1. 

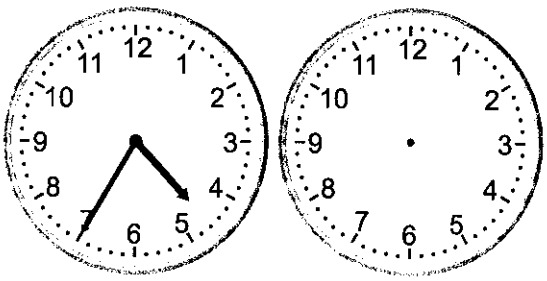
What time was it 3 hours 15 minutes ago?

2. 

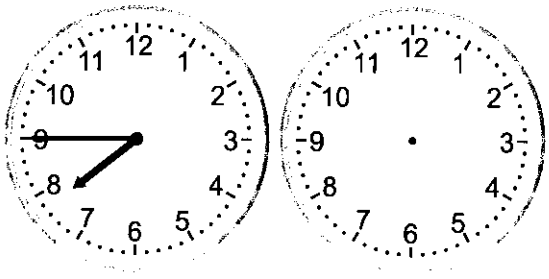
What time was it 1 hour 0 minutes ago?

3. 

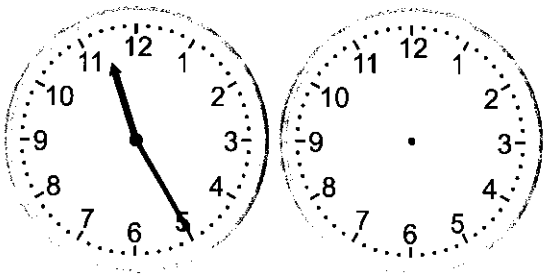
What time will it be in 5 hours 10 minutes?

4. 

What time will it be in 2 hours 0 minutes?

5. 

What time will it be in 1 hour 50 minutes?

6. 

What time will it be in 5 hours 45 minutes?

Converting time (hours - minutes)

Grade 3 Time Worksheet

Convert the time between hours and minutes

1. 60 min = _____ hr
2. 1 hr = _____ min
3. 3 hr = _____ min
4. 240 min = _____ hr
5. 5 hr = _____ min
6. 90 min = _____ hr
7. 12 hr = _____ min
8. 330 min = _____ hr
9. 615 min = _____ hr
10. 79 min = _____ hr
11. 24 hr = _____ min
12. 45 min = _____ hr

K5 Learning

Subtraction word problems

Grade 3 Math Word Problems Worksheet

Read and answer each question.

Rob is very fond of tall structures. He likes collecting pictures and comparing them.

1. Two of his favorite buildings are Chicago's Sears Tower and Dubai's Burj Khalifa. If Burj Khalifa stands at 830 meters high and Sears Tower stands at 527 meters high, how much higher is Burj Khalifa than Sears Tower?

2. Rob also compared the Empire State Building and the Petronas Towers. What is the height difference between the two if the Empire State Building is 443m tall and the Petronas Towers is 452m tall?

3. Having been to Paris, Rob also remembered the Eiffel Tower, which was the tallest structure in the world at the time it was built in 1887. If the Eiffel Tower is 324m tall, how much lower is it compared to today's tallest man-made structure, the Burj Khalifa?

4. Rob also matched the London Eye which stands at 443 feet and Las Vegas' High Roller standing at 550 feet. The High Roller can fit 40 people in each of its cabins. Being the tallest Ferris wheel in the world, how much taller is High Roller than the London Eye?

5. Lastly, Rob compared Canada's CN Tower and Seattle's Space Needle. How tall is the Space Needle if the CN Tower stands at 553m high and it is taller than the Space Needle by 369m?

K5 Learning

Multiplication word problems

Grade 3 Math Word Problems Worksheet

Read and answer each question.

Bryan has always been fond of studying rocks and minerals. He has a room full of samples of different types of rocks.

1. One particular day, he went into the room to take a look at his mineral samples. If he has 65 samples of minerals per shelf, and he has a total of 7 shelves, how many mineral samples does he have?

2. He then classified some of the rocks into igneous, metamorphic and sedimentary. It took him 4 hours to soft them all out. If each classification has 246 samples each, how many rocks does he have in all?

3. Bryan took a look at his books as well. He has a bookshelf almost 10 feet wide. If he has 56 books on each of the 9 shelves, how many books does he have on these shelves?

4. Some of the books came from 4 countries that Bryan had visited; he collected 122 books per country. How many books does he have from those 4 countries in total?

5. Bryan had 8 precious stones in his collection which he sold to his friend at the jewelry store which is 5 miles from his house. If the stones were sold for $1,785 each, how much money did Bryan get in total?

K5 Learning

Division word problems

Grade 3 Math Word Problems Worksheet

Read and answer each question.

Lexie has a lot of art materials. She needs to organize all these materials into containers.

1. She counted her crayons and found out that she has 80 crayons which she will place in crayon boxes. Every crayon box can contain 8 crayons. How many crayon boxes does she need?

2. 3 piles of clean white papers were stacked in the corner of her room. She decided to place these papers in paper envelopes which can hold 10 papers each. How many paper envelopes does she need if she has 120 clean white papers?

3. Besides the piles of white paper was a stack of 700 sheets of used paper. She wants to place it in boxes for recycling. If every box can contain 100 sheets, how many boxes does she need?

4. Lexie's spent 2 hours gathering all of her watercolor paintings. She thought of placing an equal number of paintings in four of the rooms in the house. If Lexie has 32 watercolor paintings, how many paintings will be placed in each of the four rooms?

5. Lexie's younger brother helped pick up all the paper clips in Lexie's room. He was able to collect 81 paper clips. If he wants to distribute the paper clips in 9 boxes, write an equation showing how many paper clips each box will contain.

Fraction word problems

Grade 3 Math Word Problems Worksheet

Read and answer each question.

Gilly and Luke went to the school library one fine morning. They planned to read books that day and borrow books to read during the winter.

1. Of the 10 books on fairy tales, Gilly borrowed 3. What fraction of the books on fairy tales did she borrow?

2. Gilly found 15 books on underwater life and brought 7 of these to the table. What fraction of the books on underwater life did she bring to the table?

3. Luke saw 9 books about the Solar System and its 9 planets. These were thick books and so he thought that 2 of these would be enough. What fraction of the solar system books did he borrow?

4. Luke also checked out books about land and sea animals. There were 20 books on land animals and 4 books on sea animals. He chose to borrow 7 books on animals. What fraction of the books on animals did Luke borrow?

5. Lastly, Gilly and Luke found a book on Greek mythology and the 12 most important Greek myths. The book had 120 pages. Gilly and Luke read 40 pages of the book. What fraction of the book did they read?

Mixed arithmetic (2-3 digits)

Grade 3 Word Problems Worksheet

Read and answer each question.

In the school library, there are 52 reference books, 150 non-fiction books and 329 fiction books. Each student can borrow up to 3 fiction books and 2 non-fictions books at the same time.

1. How many books are there in total?

2. There are 4 shelves for reference books. To place the reference books equally among the shelves, how many reference books should be put on each shelf?

3. 118 fiction books are on loan. How many are left in the library?

4. What is the maximum number of books that 4 students can borrow together?

5. In the library, there are some desks with 6 chairs at each desk. If there are 36 chairs, how many desks are there?

6. Write the number sentence that fits this: "There are total of 12 bookcases in the library with 8 shelves each. There are 96 shelves in total."