



5

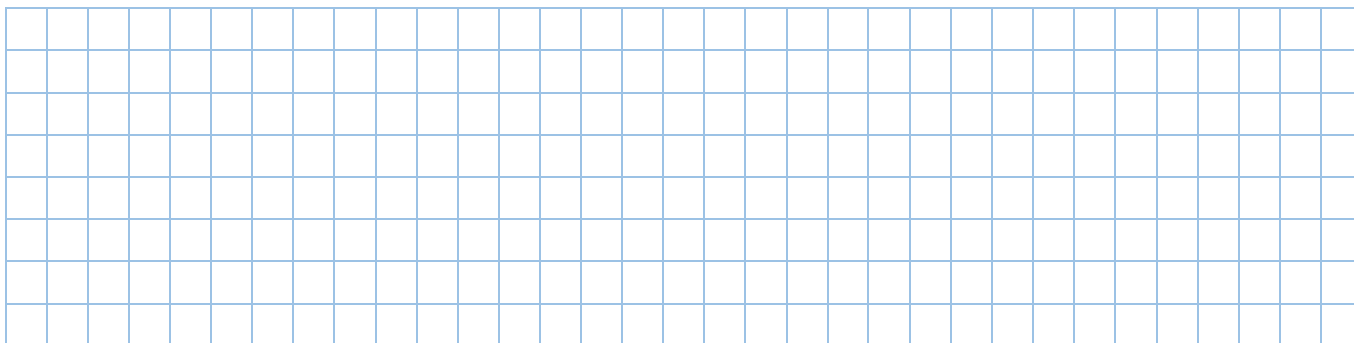
Double and half.

- a) What is half of 20? \_\_\_\_\_
- b) What is double of 6? \_\_\_\_\_
- c) What is half of 2? \_\_\_\_\_
- d) What is half of 1? \_\_\_\_\_
- e) what is double of 17? \_\_\_\_\_

6

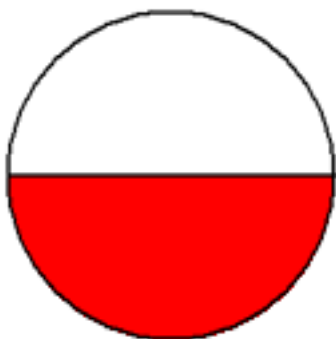
One-digit-one-line Long Multiplication. Remember about Place Value!

- a)  $43 \times 22 =$
- b)  $432 \times 222 =$
- c)  $4321 \times 2222 =$

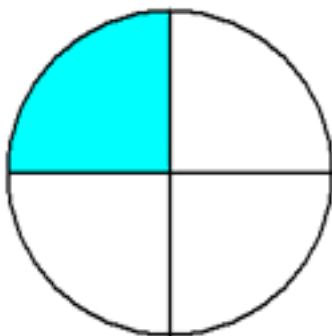


7

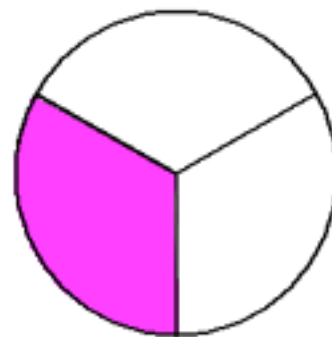
What fraction of each circle is shaded? Write the fractions vertically as two numbers and a line between them.



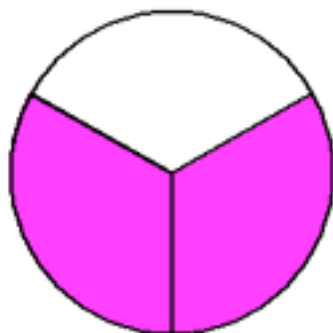
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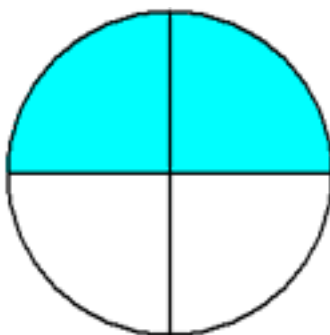
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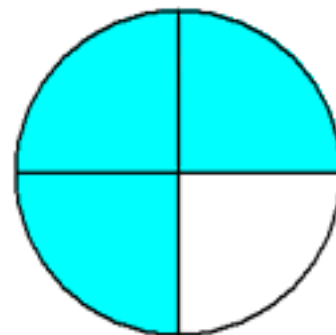
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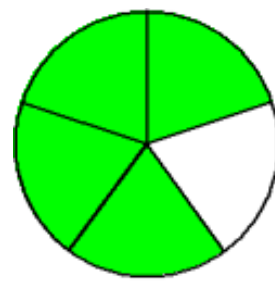
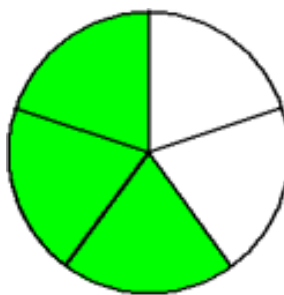
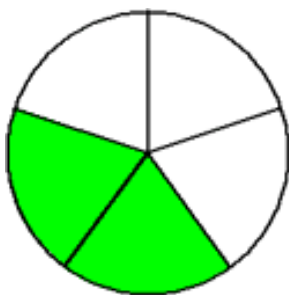
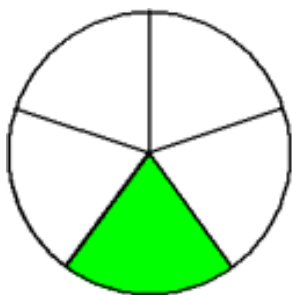
\_\_\_\_\_



\_\_\_\_\_



\_\_\_\_\_



8

Write down a number sentence:

- $n$  is multiplied by six: \_\_\_\_\_
- one hundred twenty-two is added to a difference of  $a$  and  $b$  \_\_\_\_\_
- the product of  $b$  and  $c$  is subtracted from 10 \_\_\_\_\_
- subtract  $d$  from a sum of  $x$  and  $y$  \_\_\_\_\_

9

Jonathan's dad has 6 pieces of ropes which have length of 7m, 9m, 42m, 58m, 126m and 133m. He only gives Jonathan 2 ropes at a time. Which 2 ropes does Jonathan need to get the total length of?

- 135m \_\_\_\_\_
- 175m \_\_\_\_\_
- 184m \_\_\_\_\_
- 49m \_\_\_\_\_
- 100m \_\_\_\_\_
- 168m \_\_\_\_\_

10

If there are 60 minutes in one hour, what part of the hour will be (simplify your fractions):

- 30 min \_\_\_\_\_
- 15 min \_\_\_\_\_
- 20 min \_\_\_\_\_
- 40 min \_\_\_\_\_
- 12 min \_\_\_\_\_
- 24 min \_\_\_\_\_

11

Compare, using  $<$ ,  $>$  or  $=$ . Think carefully about an order of operations:

$$8 \times 64 - 40 \dots 8 \times (64 - 40)$$

$$100 \div 5 + 5 \dots 100 \div (5 + 5)$$

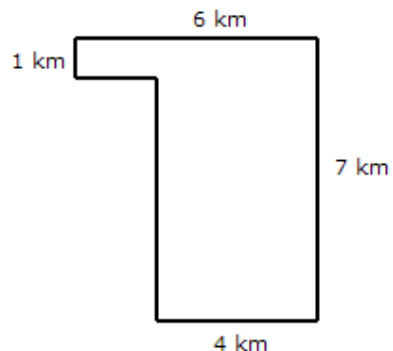
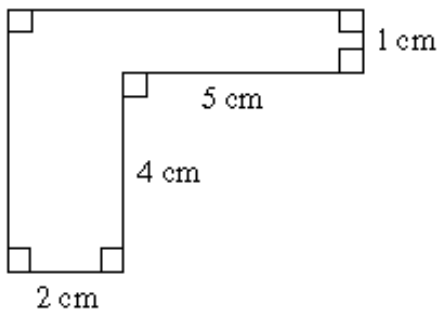
$$20 + 50 \times 8 \dots (20 + 50) \times 8$$

$$12 \times 43 + 51 \times 5 \dots 5 \times 51 + 43 \times 12$$

12

Find an area and perimeter of composite shapes. Don't forget to write down units for both A and P.

a) A = \_\_\_\_\_ P = \_\_\_\_\_      b) A = \_\_\_\_\_ P = \_\_\_\_\_



13

Insert parentheses to make the equations correct:

$32 - 2 \times 6 + 3 = 183$

$32 - 2 \times 6 + 3 = 17$

$32 - 2 \times 6 + 3 = 23$

$32 - 2 \times 6 + 3 = 270$

14

a) Put all weights in order from the heaviest to the lightest:

2 kg,      1kg 900g,      250g,      25kg,      2,500g,      2kg 50g

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b) Put all lengths in order from the smallest to largest:

3m 3dm,      30dm,      333cm,      3dm 3cm,      303cm

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15

Use a compass and a ruler to plot:

- a) a circle with a center in a point **O** and the radius = 4cm - Circ (**O**, 4 cm)
- b) Circ (**O**, 5 cm)
- c) Circ (**W**, 4 cm)
- d) Circ (**R**, 3 cm)



Use a straight edge to plot straight lines WR, OR, and WO. Make sure these lines continue beyond the points O, R, and W.