



# Math assessment 6th grade

## Unitary method



The cost of 9 liters of petrol is \$ 378. How much will 15 litres of petrol cost?

**A. 520**

**B. 630**

**C. 0.35**

**D. 350**



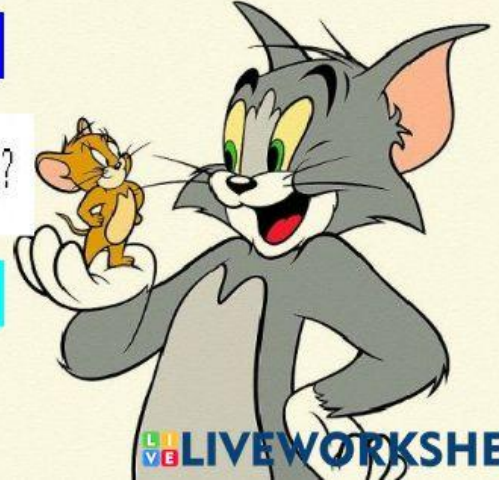
The salary of 12 workers is \$ 3732. What will be the salary of 5 workers?

**A. 1.555**

**B. 18.200**

**C. 1.600**

**D. 2.250**



# Unitary method



The cost of 8 kg of ghee is \$ 904. What will be the cost of 14 kg of ghee?

A. 1.800

B. 1.630

C. 7.235

D. 1.582



2 school bags cost \$ 276. Find the cost of 88 such bags.

A. 11.555

B. 18.200

C. 12.144

D. 11.144



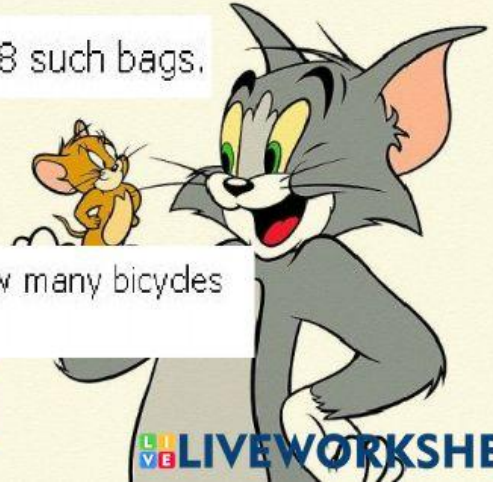
A bicycle factory produces 1505 bicycles in a week. How many bicycles will it produce in 30 days?

A. 6.450

B. 7.450

C. 10.520

D. 42.350





# Addition of integers

$$(-32) + (-38) = \square$$

$$(-82) + (-45) = \square$$

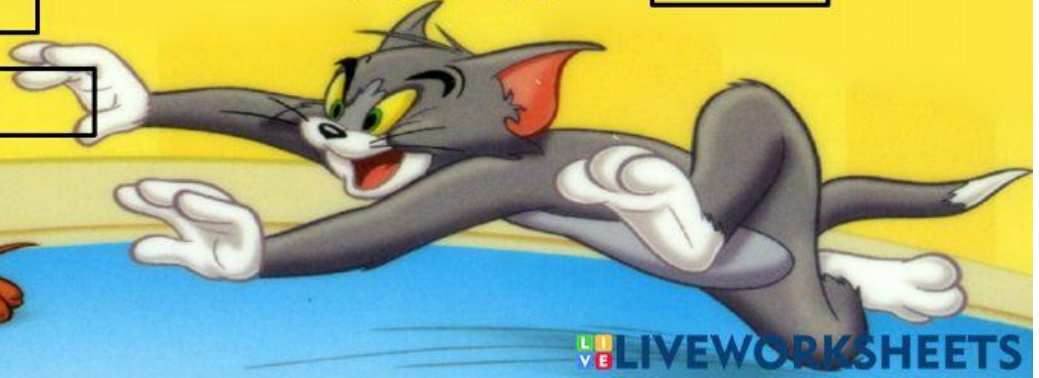
$$(-5) + 7 + (-18) = \square$$

$$100 + 55 = \square$$

$$12 + (-13) = \square$$

$$255 + 125 = \square$$

$$(-25) + 77 = \square$$





# Subtracting integers

$5 - 8$

*E C C*

$=$      $=$

$(-2) - (-8)$

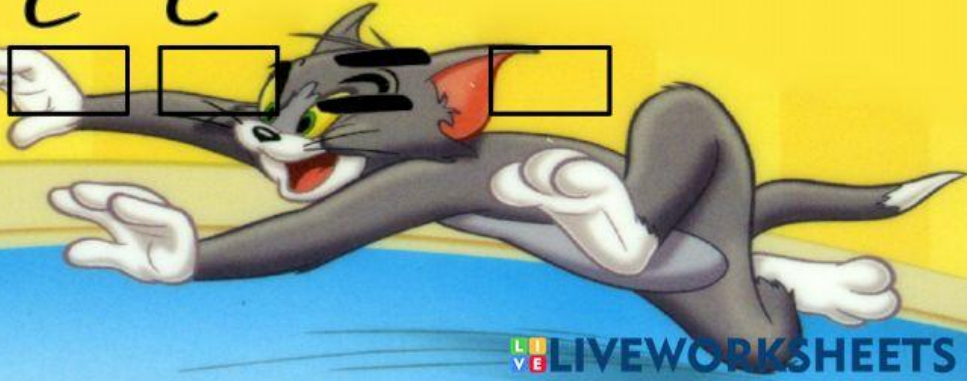
*E C C*

$=$      $=$

$(-12) - (-5)$

*E C C*




$=$      $=$



# Diameter or Radius



Calculate the diameter or radius of each circle.

<p><math>d = 6</math></p> 	<p><math>r = 2</math></p> 	<p><math>r = 1</math></p> 
<input type="text"/>	<input type="text"/>	<input type="text"/>



# Diameter or Radius

$d = 4$



$r = 3$



$d = 2$



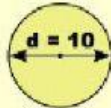
$r = 4$



$d = 8$



$d = 10$

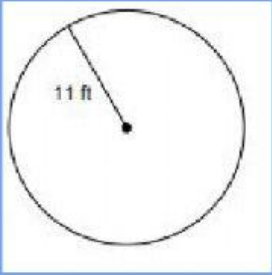


Calculate the diameter or radius of each circle.

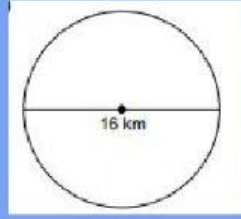


# Circumference

Find the circumference of each circle.



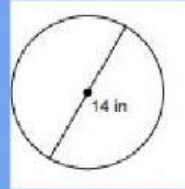
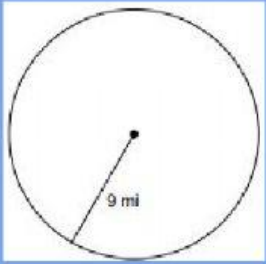
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# Circumference



A grid of 16 empty boxes arranged in four rows and four columns. The top two boxes of the first row are filled with red. A large 'X' is drawn over the first two boxes of the second row. A green horizontal line is drawn below the second row. Another green horizontal line is drawn below the third row. A large 'X' is drawn over the first two boxes of the fourth row.

A grid of 16 empty boxes arranged in four rows and four columns. The top box of the first row is filled with red. A large 'X' is drawn over the first two boxes of the second row. A green horizontal line is drawn below the second row. Another green horizontal line is drawn below the third row.

