



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. 1555

B. 18.200

C. 1.600

D. 2.250



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Unitary method



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

A. 1800

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



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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

$$(-32) + (-38) = \boxed{}$$

$$(-82) + (-45) = \boxed{}$$

$$(-5) + 7 + (-18) = \boxed{}$$

$$100 + 55 = \boxed{}$$

$$12 + (-13) = \boxed{}$$

$$255 + 125 = \boxed{}$$

$$(-25) + 77 = \boxed{}$$



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Subtracting integers

$$5 - 8$$

$$\begin{array}{c} E \quad C \quad C \\ = \boxed{} \boxed{} \boxed{} = \boxed{} \end{array}$$

$$(-2) - (-8)$$

$$\begin{array}{c} E \quad C \quad C \\ = \boxed{} \boxed{} \boxed{} = \boxed{} \end{array}$$

$$(-12) - (-5)$$

$$\begin{array}{c} E \quad C \quad C \\ = \boxed{} \boxed{} \boxed{} = \boxed{} \end{array}$$






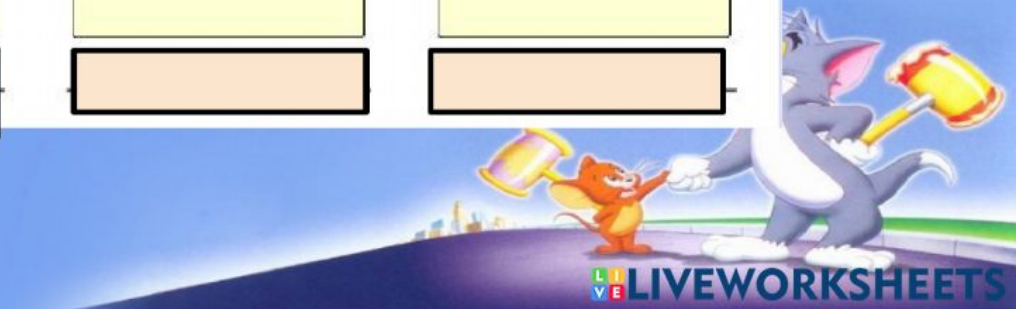
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Diameter or Radius




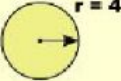

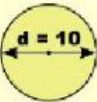


Calculate the diameter or radius of each circle.

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



Diameter or Radius

<p>$d = 4$</p> 	<p>$r = 3$</p> 	<p>$d = 2$</p> 
<input type="text"/>	<input type="text"/>	<input type="text"/>
<p>$r = 4$</p> 	<p>$d = 8$</p> 	<p>$d = 10$</p> 
<input type="text"/>	<input type="text"/>	<input type="text"/>

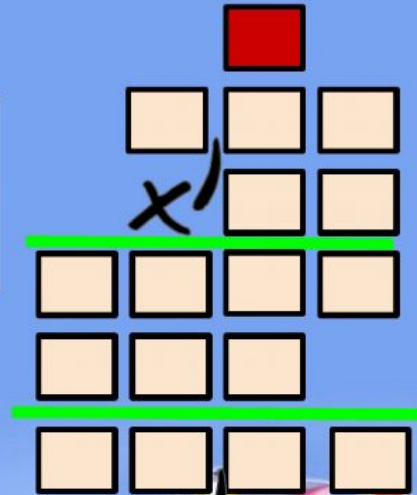
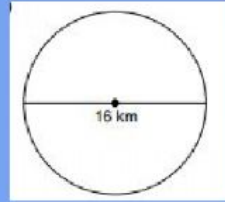
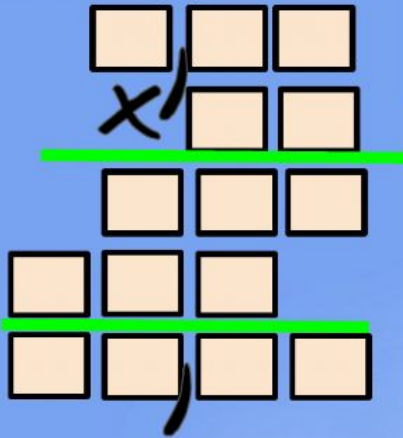
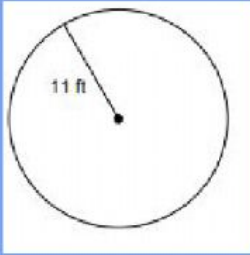
Calculate the diameter or radius of each circle.





Circumference

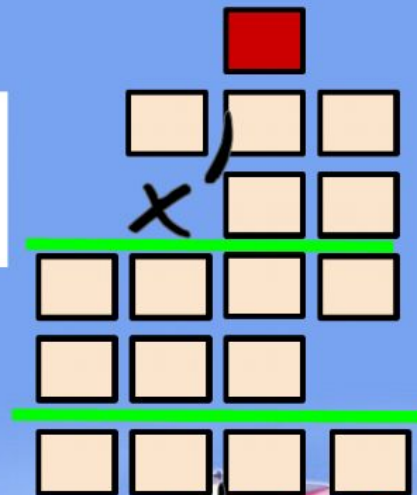
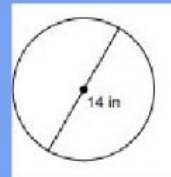
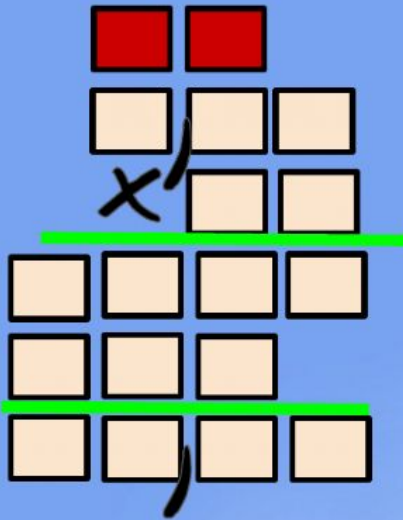
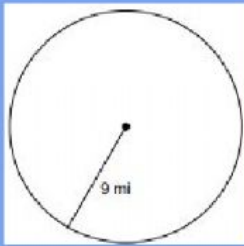
Find the circumference of each circle.



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Circumference



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