



**THIRD SPACE
LEARNING**

Math Formulas Worksheet

Algebra

Grades 6 to 8

Questions

Name:

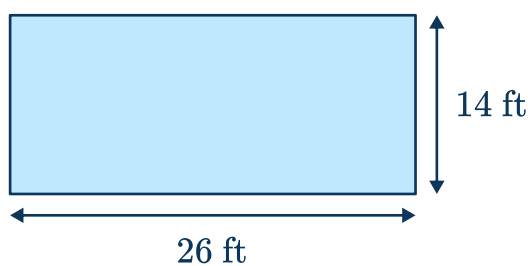
Date:

- 1 Find the perimeter of the given rectangle using the formula, $P = 2(b + h)$.



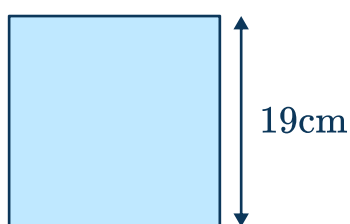
Answer

- 2 Find the area of the given rectangle using the formula, $A = b \times h$.



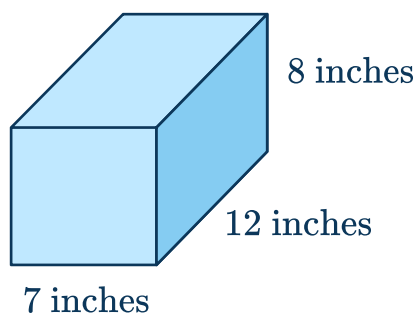
Answer

- 3 Find the area of the given square using the formula, $A = s \times s$.



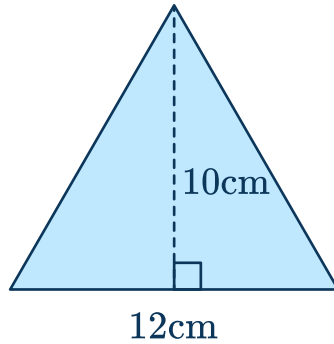
Answer

- 4 Find the volume of the rectangular prism using the formula, $V = b \times h \times d$.



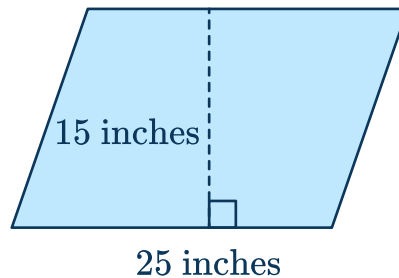
Answer

- 5 Find the area of the triangle given, using the formula, $A = \frac{1}{2}bh$.



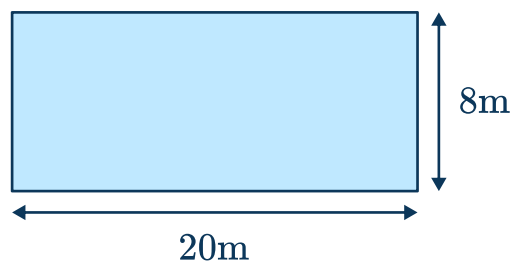
Answer

- 6 Find the area of the parallelogram given, using the formula, $A = b \times h$.



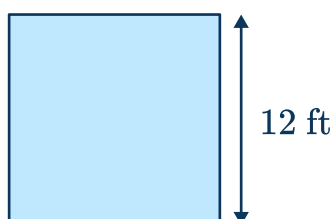
Answer

- 7 Find the perimeter of the given rectangle using the formula, $P = 2(b + h)$.



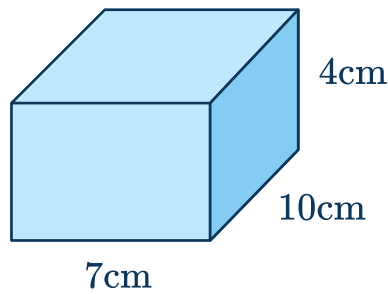
Answer

- 8 Find the area of the given square using the formula, $A = s \times s$.



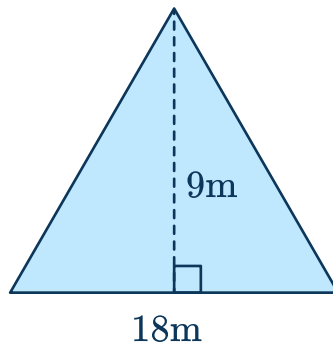
Answer

- 9 Find the volume of the rectangular prism using the formula, $V = b \times h \times d$.



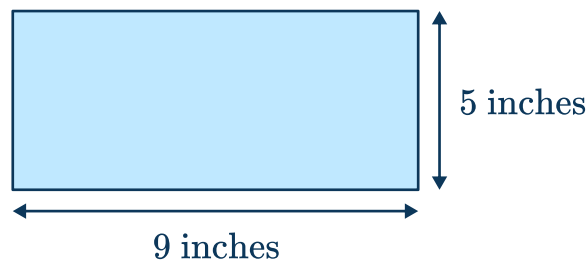
Answer

- 10 Find the area of the triangle given, using the formula, $A = \frac{1}{2} b \times h$.



Answer

- 11 Find the perimeter of the given rectangle using the formula, $P = 2(b + h)$.



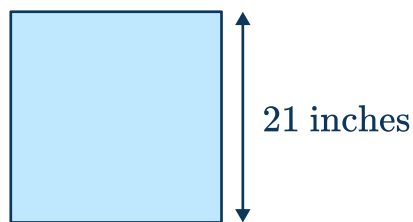
Answer

- 12 Find the area of the given rectangle using the formula, $A = b \times h$.



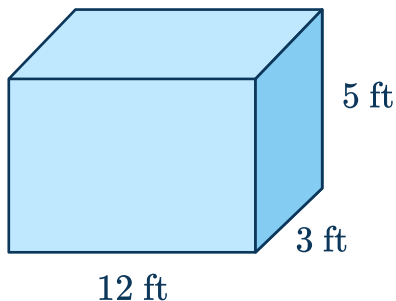
Answer

- 13 Find the area of the given square using the formula, $A = s \times s$.



Answer

- 14 Find the volume of the rectangular prism using the formula, $V = b \times h \times d$.



Answer

- 15 Find the area of a parallelogram with a base of 14 m and height of 8 m. Use $A = b \times h$.

Answer

- 16 A triangle has a base of 16 in and a height of 10 in. Find its area using $A = \frac{1}{2} b \times h$.

Answer

- 17 Calculate the perimeter of a rectangle with a base of 15 m and a height of 7 m. Use $P = 2(b + h)$.

Answer

Math Formulas Worksheet | Grades 6 to 8

- 18 A square has a side length of 25 ft. Find its area using $A = s \times s$.

Answer



- 19 A rectangular prism has dimensions of 8 cm, 10 cm, and 5 cm. Find its volume using $V = b \times h \times d$.

Answer



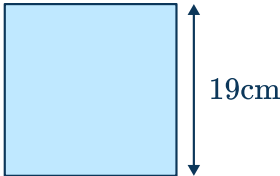
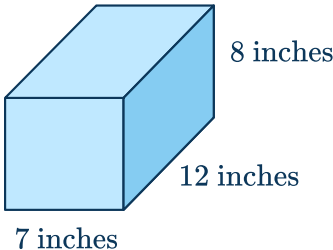


- 20 Find the area of a triangle with a base of 20 cm and a height of 12 cm. Use $A = \frac{1}{2}b \times h$.

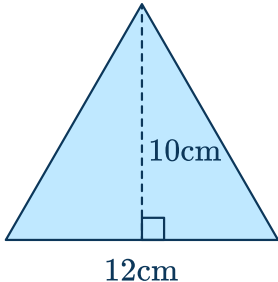
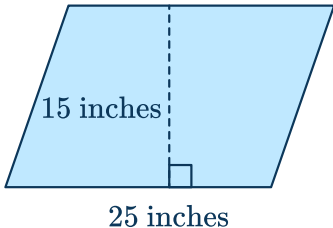
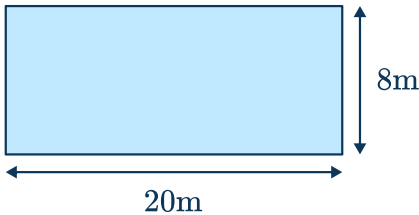
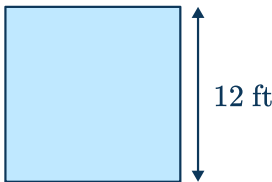
Answer

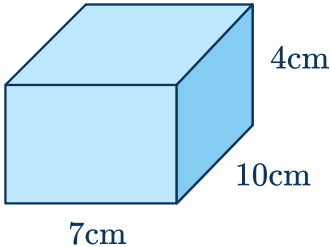
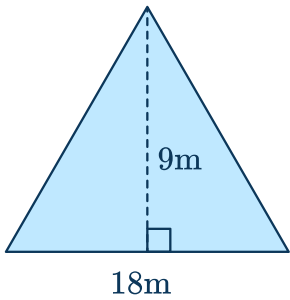
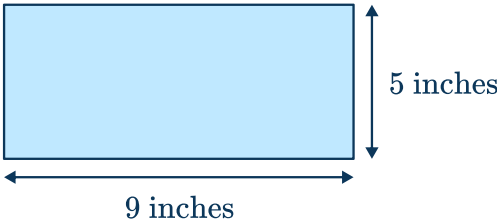
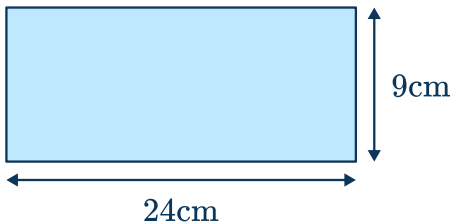


Answers

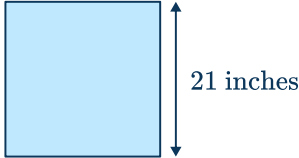
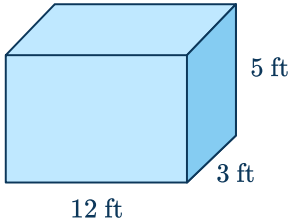
Question number	Question	Answers	Standard
1	<p>Find the perimeter of the given rectangle using the formula, $P = 2(b + h)$.</p> 	24 cm	6.EE.A.2c
2	<p>Find the area of the given rectangle using the formula, $A = b \times h$.</p> 	364 sq ft	6.EE.A.2c
3	<p>Find the area of the given square using the formula, $A = s \times s$.</p> 	361 sq cm	6.EE.A.2c
4	<p>Find the volume of the rectangular prism using the formula, $V = b \times h \times d$.</p> 	672 cubic in	6.EE.A.2c

Math Formulas Worksheet | Grades 6 to 8 | Answers

Question number	Question	Answers	Standard
5	<p>Find the area of the triangle given, using the formula, $A = \frac{1}{2}bh$.</p> 	60 sq cm	6.EE.A.2c
6	<p>Find the area of the parallelogram given, using the formula, $A = b \times h$.</p> 	375 sq in	6.EE.A.2c
7	<p>Find the perimeter of the given rectangle using the formula, $P = 2(b + h)$.</p> 	56 m	6.EE.A.2c
8	<p>Find the area of the given square using the formula, $A = s \times s$.</p> 	144 sq ft	6.EE.A.2c

Question number	Question	Answers	Standard
9	<p>Find the volume of the rectangular prism using the formula, $V = b \times h \times d$.</p> 	280 cubic cm	6.EE.A.2c
10	<p>Find the area of the triangle given, using the formula, $A = \frac{1}{2} b \times h$.</p> 	72 sq m	6.EE.A.2c
11	<p>Find the perimeter of the given rectangle using the formula, $P = 2(b + h)$.</p> 	28 in	6.EE.A.2c
12	<p>Find the area of the given rectangle using the formula, $A = b \times h$.</p> 	216 sq cm	6.EE.A.2c

Math Formulas Worksheet | Grades 6 to 8 | Answers

Question number	Question	Answers	Standard
13	Find the area of the given square using the formula, $A = s \times s$. 	441 sq in	6.EE.A.2c
14	Find the volume of the rectangular prism using the formula, $V = b \times h \times d$. 	180 cubic ft	6.EE.A.2c
15	Find the area of a parallelogram with a base of 14 m and height of 8 m. Use $A = b \times h$.	112 sq m	6.EE.A.2c
16	A triangle has a base of 16 in and a height of 10 in. Find its area using $A = \frac{1}{2} b \times h$.	80 sq in	6.EE.A.2c
17	Calculate the perimeter of a rectangle with a base of 15 m and a height of 7 m. Use $P = 2(b + h)$.	44 m	6.EE.A.2c
18	A square has a side length of 25 ft. Find its area using $A = s \times s$.	625 sq ft	6.EE.A.2c
19	A rectangular prism has dimensions of 8 cm, 10 cm, and 5 cm. Find its volume using $V = b \times h \times d$.	400 cubic cm	6.EE.A.2c
20	Find the area of a triangle with a base of 20 cm and a height of 12 cm. Use $A = \frac{1}{2} b \times h$.	120 sq cm	6.EE.A.2c

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