



Measurement

1 How many hours and minutes later is the second clock?

8:45 vs. 8:48

A 42 mins

B 1 hr 42 mins

C 12 mins

D 57 mins

E 3 mins

F 1 hr 48 mins

2 How many hours and minutes later is the second clock?

8:45 vs. 9:50

A 10 mins

B 1 hr 50 mins

C 1 hr 20 mins

D 1 hr 5 mins

E 25 mins

F 20 mins

3 What is the most reasonable unit to make the given measurement?

The width of the Atlantic Ocean

A
yards

B
miles

4 What is the most reasonable unit to make the given measurement?

The volume of a can of pop/soda

A
quarts

B
fluid ounces

5 What is the most reasonable unit to make the given measurement?

The thickness of a mobile phone

A
millimeters

B
micrometers

6 What is the most reasonable unit to make the given measurement?

The volume of a can of pop/soda

A
milliliters

B
liters

7 Convert this value to feet and inches

54 in

A 5 ft 7.5 in

B 3 ft 4.5 in

C 45 ft

D 4 ft 6 in

E 7 ft 10.5 in

F 6 ft 9 in

8 Convert this value to fluid ounces

2 qt

A 640 fl oz

B 64 fl oz

C 0.64 fl oz

D 6,400 fl oz

E 208 fl oz

F 48 fl oz



Measurement

9 Convert this value to feet

92 in

A 7.667 ft	B 9.583 ft
C 76.67 ft	D 19.17 ft
E 0 ft	F 23 ft

10 Convert this value to decimeters

2.2 m

A 22 dm	B 2.2 dm
C 22,000 dm	D 2,200 dm
E 0.22 dm	F 220 dm

11 Convert this value to centigrams

0.3 g

A 3,000 cg	B 3 cg
C 30,000 cg	D 30 cg
E 0.3 cg	F 0.03 cg

12 Convert this value to centigrams

4 g

A 400 cg	B 0.4 cg
C 4,000 cg	D 40 cg
E 4 cg	F 40,000 cg

13 Convert this value to milliseconds

7 s

A 7,000 ms	B 700 ms
C 70 ms	D 700,000 ms
E 7 ms	F 7,000,000 ms

14 What is the most reasonable value for the given measurement?

The width of a pencil

A 5 μm	B 5 mm
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15 What is the most reasonable value for the given measurement?

The volume of a large spoon of water

A 25 ml	B 25 l
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16 What is the area of a shape with these dimensions?

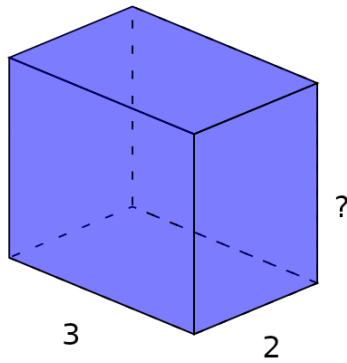
Rectangle
width : 4in
height : 11in

A 44in^2	B 8in^2
C 112in^2	



Measurement

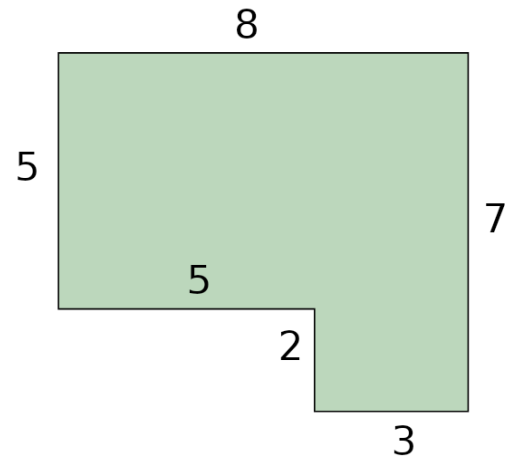
17 What is the length of the missing side of this Rectangular Prism?



$$V=18$$

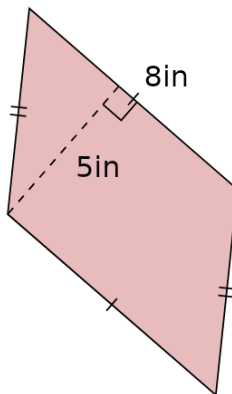
A 6	B 4	C 3
D 9	E 1	F 7

18 Find the area of the shape



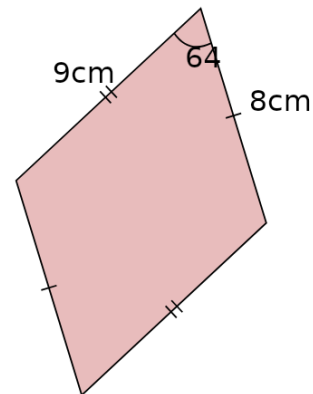
A 14	B 30	C 96
D 56	E 46	F 15

19 Find the area of the parallelogram



A 66in^2	B 26in^2
C 10in^2	D 70in^2
E 40in^2	

20 Find the area of the parallelogram

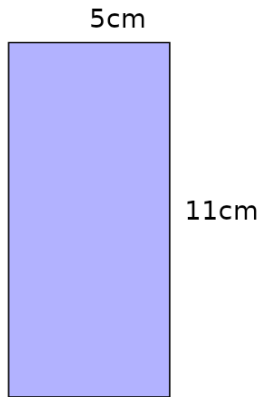


A 17cm^2	B 31.6cm^2
C 64.7cm^2	D 59.7cm^2
E 72cm^2	



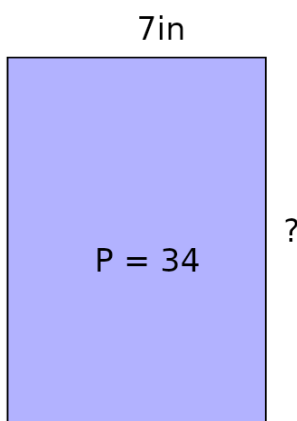
Measurement

21 Find the area of this rectangle



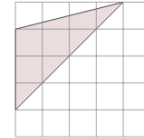
- | | | | |
|---|------------------|---|-----------------|
| A | 105cm^2 | B | 10cm^2 |
| C | 55cm^2 | D | 16cm^2 |
| E | 32cm^2 | | |

24 Find the missing side length of this rectangle



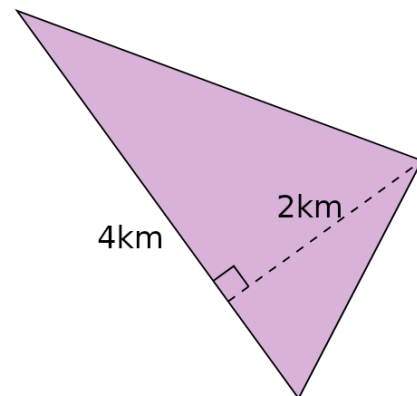
- | | | | | | |
|---|-----|---|------|---|------|
| A | 3in | B | 4in | C | 10in |
| D | 9in | E | 14in | F | 13in |

22 Find the area of the triangle on this grid of 1x1 squares



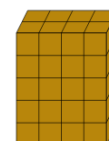
- | | | | | | |
|---|-----|---|---|---|---|
| A | 7.5 | B | 6 | C | 5 |
| D | 9 | E | 7 | F | 8 |

23 Find the area of the triangle



- | | | | |
|---|-----------------|---|-----------------|
| A | 4km^2 | B | 35km^2 |
| C | 8km^2 | D | 21km^2 |
| E | 12km^2 | | |

25 What is the surface area of the blocks in this 4x2x5 Rectangular Prism?

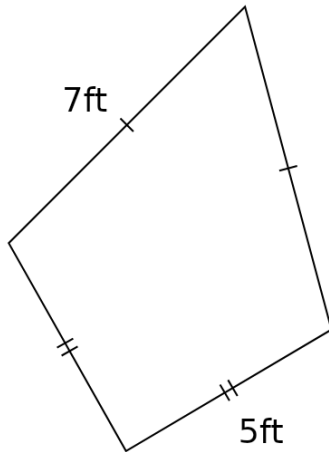


- | | | | | | |
|---|-----|---|----|---|----|
| A | 104 | B | 55 | C | 69 |
| D | 97 | E | 62 | F | 76 |



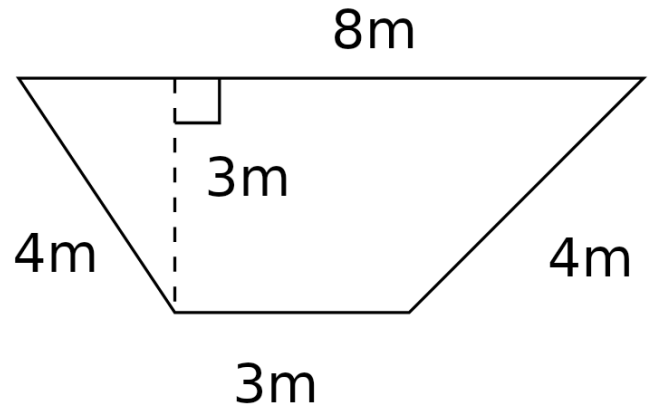
Measurement

26 Find the perimeter of the kite



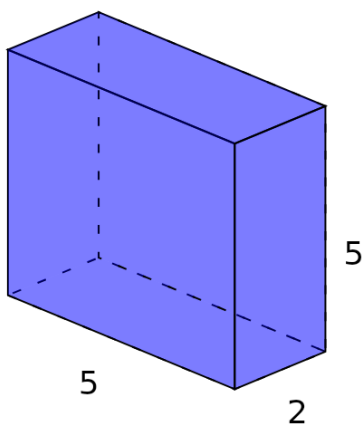
A 5ft	B 34ft	C 24ft
D 10ft	E 14ft	F 19ft

27 Find the perimeter of the trapezoid



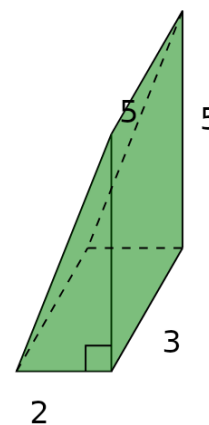
A 11m	B 23m	C 27m
D 10m	E 17m	F 19m

28 What is the surface area of this Rectangular Prism?



A 54	B 144	C 126
D 90	E 162	F 36

29 What is the surface area of this Triangular Prism?

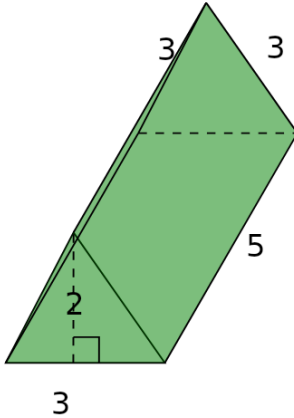


A 19	B 82	C 5.5
D 46	E 32.5	F 77.5



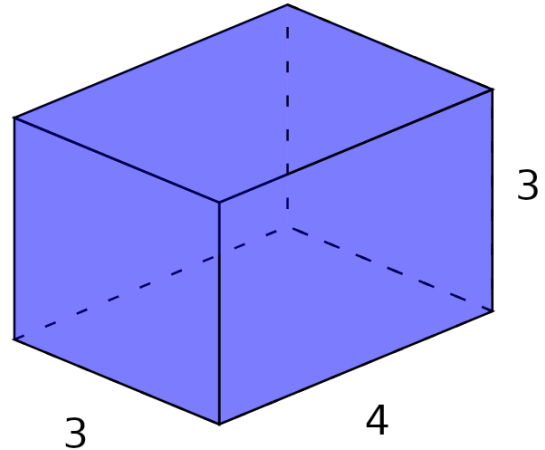
Measurement

30 What is the surface area of this Triangular Prism?



A	51	B	96	C	16
D	91	E	76	F	56

31 What is the volume of this Rectangular Prism?



A	51	B	21	C	36
D	30	E	48	F	9

32 How many blocks make up this 2x3x4 Rectangular Prism?

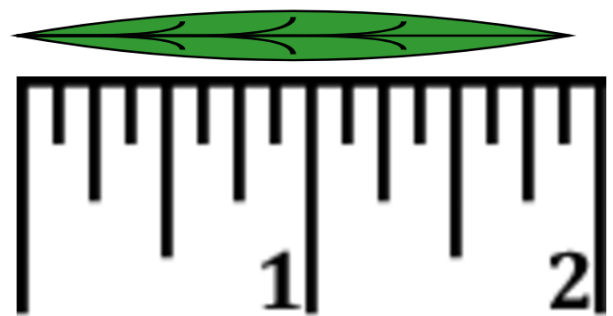


A	14	B	6	C	34
D	26	E	24	F	12

34 A car drives at 50km/hr for 50hr. How many dam does it travel?

A	250,000 dam
B	25,000,000 dam
C	0 dam
D	30,000,000,000 dam

33 Measure the length of the leaf in inches using the ruler

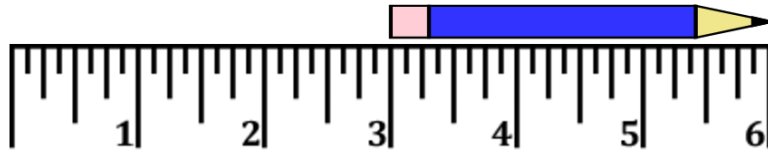


A	$1\frac{7}{8}$ in	B	$1\frac{5}{8}$ in
C	$2\frac{3}{4}$ in	D	$\frac{3}{4}$ in
E	$1\frac{3}{8}$ in	F	1 in



Measurement

35 Measure the length of the pencil in inches using the ruler



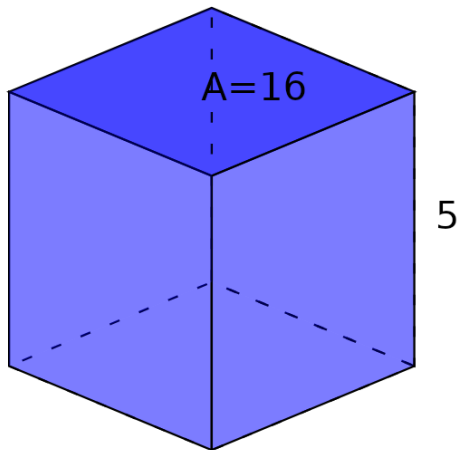
A

 $4\frac{1}{2}$ in

B

3 in

36 What is the volume of this Rectangular Prism?



A

128

B

96

C

152

D

120

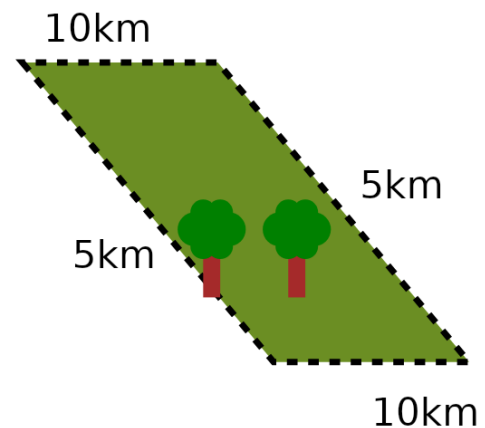
E

80

F

88

37 How far is it to run around the outside of this park?



A

42km

B

24km

C

54km

D

36km

E

30km

F

18km

38 Convert this value to kilometers

3 dm

A

0.03 km

B

0.0003 km

C

0.0000003 km

D

0.3 km

E

0.00003 km

F

0.003 km

39 Convert this value to hectograms

9 mg

A

0.00000009 hg

B

0.00009 hg

C

0.0000009 hg

D

0.009 hg

E

0.0009 hg

F

0.09 hg