



Measurement

1 Convert this value to feet and inches

6 yrd

A 36 ft	B 18 ft
C 22 ft 6 in	D 1,800 ft
E 45 ft	F 13 ft 6 in

2 Convert this value to liters

12 dl

A 1,200 l	B 1.2 l
C 120 l	D 0.0012 l
E 0.012 l	F 12 l

3 Convert this value to deciliters

3.8 l

A 0.038 dl	B 38 dl
C 0.38 dl	D 380 dl
E 3.8 dl	F 38,000 dl

4 Convert this value to decimeters

3 m

A 300 dm	B 3 dm
C 30 dm	D 0.03 dm
E 3,000 dm	F 30,000 dm

5 Convert this value to kilograms

9 dg

A 0.00009 kg	B 0.009 kg
C 0.000009 kg	D 0.9 kg
E 0.09 kg	F 0.0009 kg

6 Convert this value to grams

3 kg

A 300 g	B 3,000,000 g
C 3,000 g	D 300,000 g
E 3 g	F 30,000 g

7 Convert this value to grams

37 dg

A 37 g	B 3.7 g
C 370 g	D 0.0037 g
E 0.37 g	F 0.037 g

8 Convert this value to milliseconds

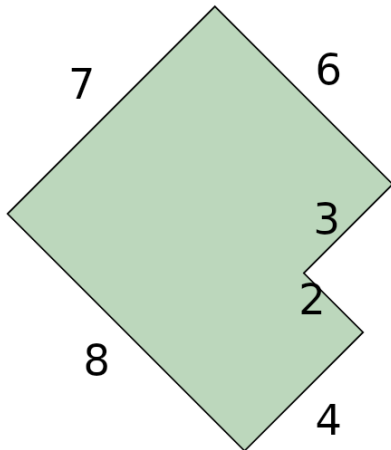
3 s

A 300,000 ms	B 30 ms
C 3 ms	D 3,000,000 ms
E 300 ms	F 3,000 ms



Measurement

9 Find the area of the shape



A 88	B 56	C 99
D 50	E 15	F 30

10 What is the area of a shape with these dimensions?

Rectangle

width : 16in

height : 2in

A 54in ²	B 4in ²
C 36in ²	D 32in ²

11 Find the area of this rectangle



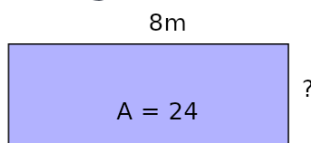
A 20in ²
B 64in ²
C 12in ²
D 24in ²

12 What is the area of a shape with these dimensions?

Rectangle
width : 3km
height : 4km

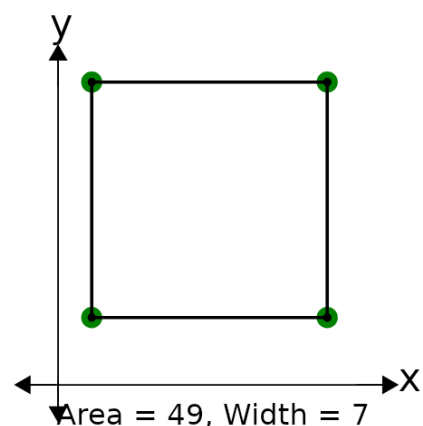
A 6km ²	B 7km ²
C 12km ²	D 20km ²

14 Find the missing side length of this rectangle



A 5m	B 10m	C 11m
D 3m	E 2m	F 8m

13 Find the missing value for height if the rectangle has an area of 49 and a width of 7

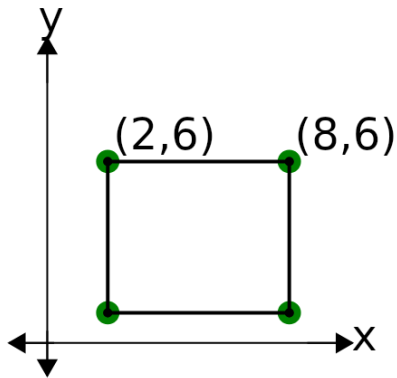


A height=7	B height=11	C height=8
D height=6	E height=14	F height=2



Measurement

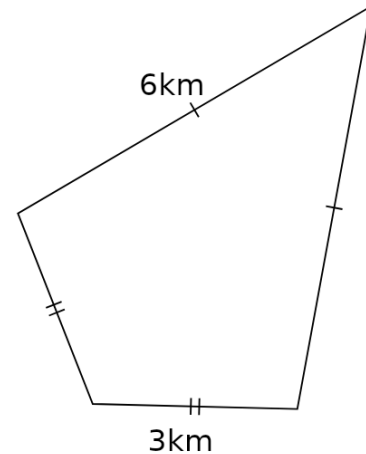
15 Find the height of the rectangle if the area is 30



Area = 30

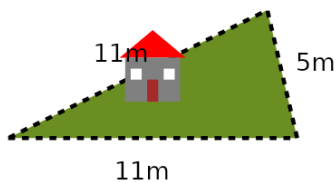
- | | | |
|------------|-------------|------------|
| A height=5 | B height=12 | C height=1 |
| D height=3 | E height=10 | F height=2 |

16 Find the perimeter of the kite



- | | | |
|--------|-------|--------|
| A 29km | B 7km | C 32km |
| D 18km | E 4km | F 22km |

17 How long is the fence around this yard?



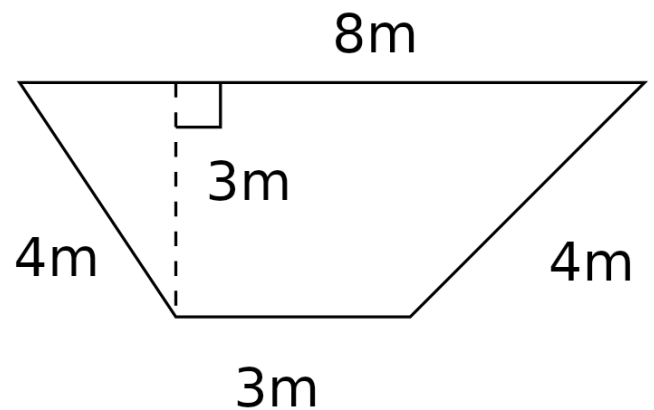
- | | | |
|-------|------|-------|
| A 17m | B 7m | C 41m |
| D 31m | E 9m | F 27m |

19 Is the given item smaller or bigger than the measurement

Is volume of a kitchen sink smaller or bigger than 21 gallons?

- | | |
|----------|-----------|
| A bigger | B smaller |
|----------|-----------|

18 Find the perimeter of the trapezoid

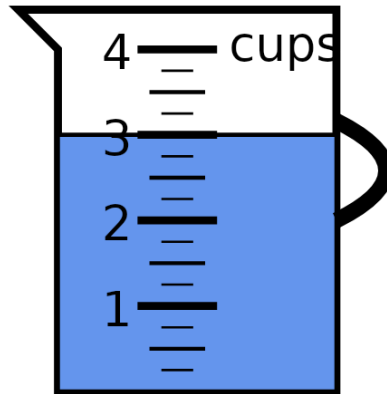


- | | | |
|-------|-------|-------|
| A 23m | B 17m | C 27m |
| D 11m | E 10m | F 19m |



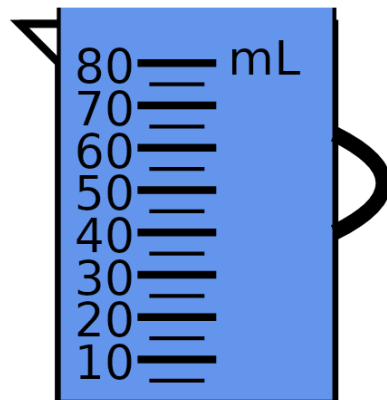
Measurement

20 Measure the volume of water in the measuring cup



A	3 cups	B	8 cups
C	4 cups	D	9 cups
E	7 cups	F	10 cups

21 Measure the volume of water in the measuring cup



A	150 mL	B	105 mL
C	100 mL	D	145 mL
E	135 mL	F	130 mL



Measurement

22 Is the given item lighter or heavier than the measurement

Is mass of a tennis ball lighter or heavier than 56 milligrams?

A	B
heavier	lighter

23 Convert this value to hectograms

9 dag

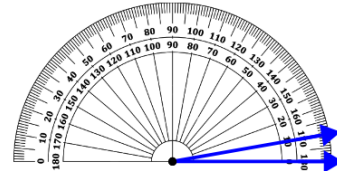
A	900 hg	B	90 hg
C	0.9 hg	D	0.09 hg
E	9 hg	F	0.0009 hg

24 Convert this value to grams

7 dag

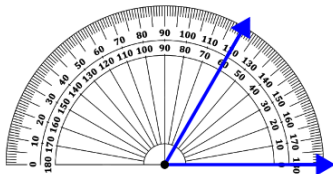
A	0.7 g	B	0.07 g
C	7,000 g	D	700 g
E	70 g	F	70,000 g

25 Measure the angle using the protractor



A	180°	B	155°	C	10°
D	75°	E	70°	F	30°

26 Measure the angle using the protractor



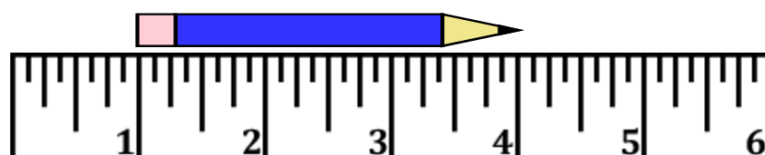
A	135°	B	125°	C	200°
D	60°	E	115°	F	95°

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

The length of a car

A	yards	B	inches
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28 Measure the length of the pencil in inches using the ruler

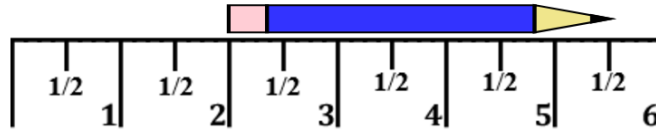


A	11 in	B	9 in
C	7 in	D	3 in



Measurement

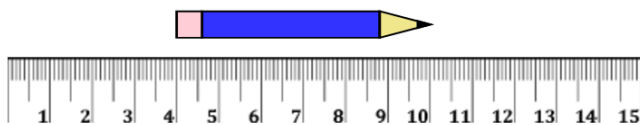
29 Measure the length of the pencil in inches using the ruler



A $7\frac{1}{2}$ in

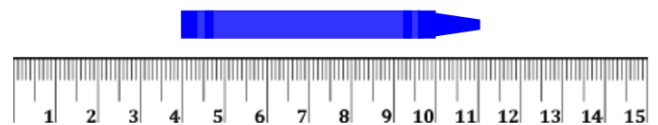
B $3\frac{1}{2}$ in

30 Measure the length of the pencil in millimeters using the centimeter ruler



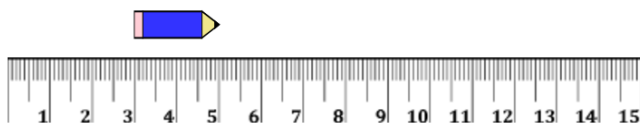
A 60 mm B 45 mm C 90 mm
D 15 mm E 95 mm F 70 mm

31 Measure the length of the crayon in millimeters using the centimeter ruler



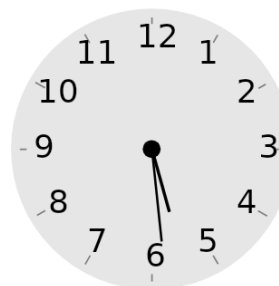
A 90 mm B 70 mm C 45 mm
D 50 mm E 55 mm F 100 mm

32 Measure the length of the pencil using the centimeter ruler



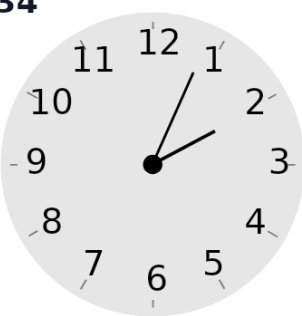
A 5 cm B 3 cm C 2 cm
D 5.5 cm E 3.5 cm F 2.5 cm

33 What time is shown on this clock?



A 5:29

B 4:29

34  A one twenty-four

B two oh four

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

4:30 vs. 5:36

A 39 mins B 51 mins
C 1 hr 6 mins D 36 mins
E 1 hr 51 mins F 9 mins



Measurement

36 Find the perimeter of this rectangle

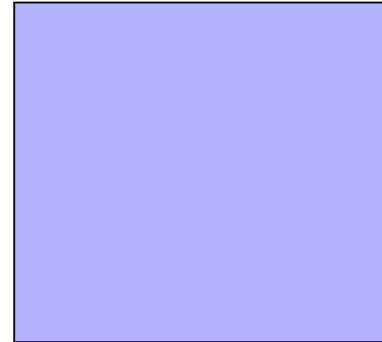


$h = 7\text{cm}$

$A = 63\text{ sq cm}$

A	44cm	B	5cm
C	26cm	D	29cm
E	32cm	F	14cm

37 Find the area of this rectangle



$h = 9\text{m}$

$P = 38\text{m}$

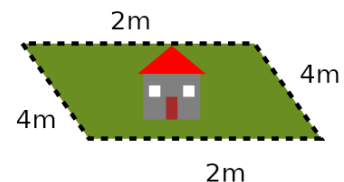
A	126m^2	B	72m^2
C	99m^2	D	144m^2
E	18m^2	F	90m^2

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

8:45 vs. 9:50

A	1 hr 20 mins	B	1 hr 50 mins
C	25 mins	D	20 mins
E	1 hr 5 mins	F	10 mins

39 How long is the fence around this yard?



A	9m	B	2m	C	7m
D	15m	E	12m	F	13m

40 What is the total value of these stacks of coins?



8 coins 9 coins 9 coins

A	338 cents	B	333 cents	C	328 cents
D	348 cents	E	323 cents	F	334 cents