Riveting Revision

WALT: revise our learning and apply our skills in a range of concepts

We are revising our previous learning!

5 ^2 = 25
6 ^3= 216
√25 = 5
√81= 9
√64 = 8

Place value revision
Decimal revision

What is 0.15 x 10? 1.5
What is 1000 x 10? 10000
What is 1 ÷ 10? 0.1
What is 1 ÷ 100? 0.01
0.2 ÷ 10 = 0.02

How many 10s are in 231? 23

How many thousands are in 1345? 1

How many hundreds in 2354? 23

How many mm are in a cm? 10

How many cm are in a m? 100

How many g are in a kg? 10

How many ml are in a L? 1000

145mm + 5 cm = 195mm

155 mm + 1.5 cm = 170mm

1km + 550m= 1550m

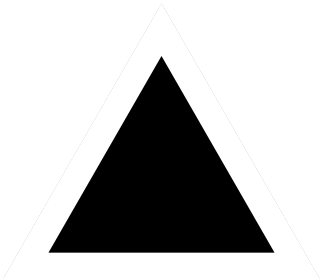
Which of these are the largest?

11 230 mm

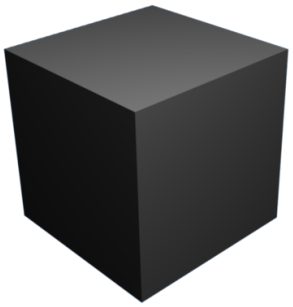
1095 cm
108.9 m this one is the largest (I think?)
0.1km

[Shape Revision]
[Perimeter Revision]
[Area and Volume Revision]

What are the properties of a triangle? 3
What do the angles of a triangle add up to? 180
What is the area of this shape? Its height is 7cm and its base is 5cm. 17.5

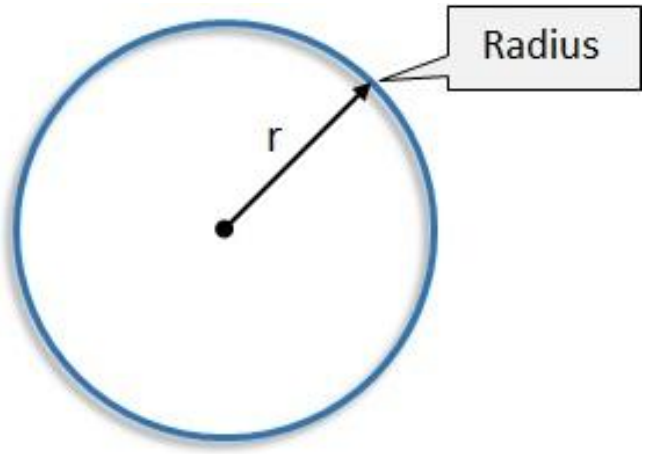


What are the properties of a cube? 6



Its sides are 12cm long. What is its volume? 12cm

Each side of a square is 5cm long. What is its perimeter? What is its area?



the radius is 5. What is the area of the circle? 15.7

2875 - 1967 = 908

90+89+75+ 84 = 338

1412 - 450 = 962

Percentage Revision

Write 70/100 as a percentage 70%

Write 40/200 as a percentage 2%

What is 15 percent of 300? 45%

Fraction Revision

½ + ⅛ = 0.6

⅓ + 1/ 6 = 0.5

⅕ + ¼ = 0.45

What is a number in between 2/10 and ½? 2/10, 5/10. 3

47.03 + 1.97 = 49

0.5 = 50%
25% = 0.25
¼ = 25%

Put the following in order from smallest to biggest:
0.076, 0.21, 0.07, 0.1, 0.3

55 - 45.5 = 9.5

1.34 + 4.34 = 5.68

Allen wants to use the computer for one hour at an internet cafe - which is the cheapest rate?

a) 16 cents a minute
b) $5.60 an hour
c) $2.30 per 20 minutes
d) 50 cents per 5 minutes

e) $3.60 per 30 minutes

Ratio Revision

If 6 packets of lollies cost the same as 4 cookies, how many packets of lollies would cost the same as 10 cookies? 13

Mean, median, mode and range

5, 5, 6, 4, 5, 6, 7, 5

What is the range of these numbers?
What is the average of these numbers?
What is the median of these numbers?
What is the mode of these numbers?

Probability

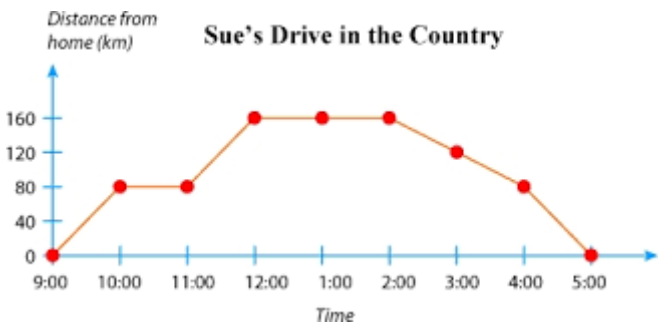
What is the probability that a die will land on a six? ⅙

What is the probability that a coin will land on heads? ½

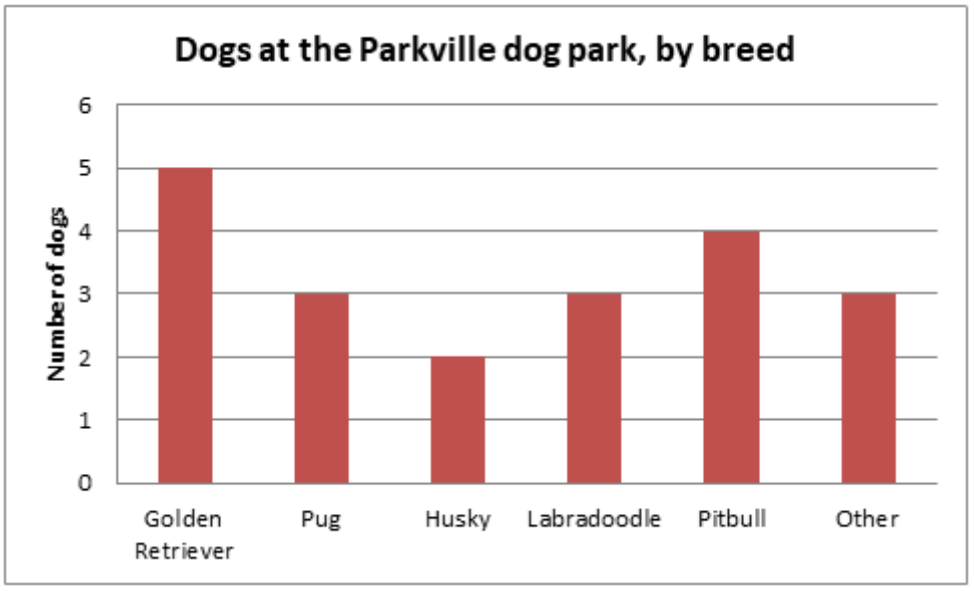
I want to know whether there are more boys or girls in year eight at PES. Can I figure this out by looking at the year eights in room 4? How would I work this out?

147 - 55 = 92.

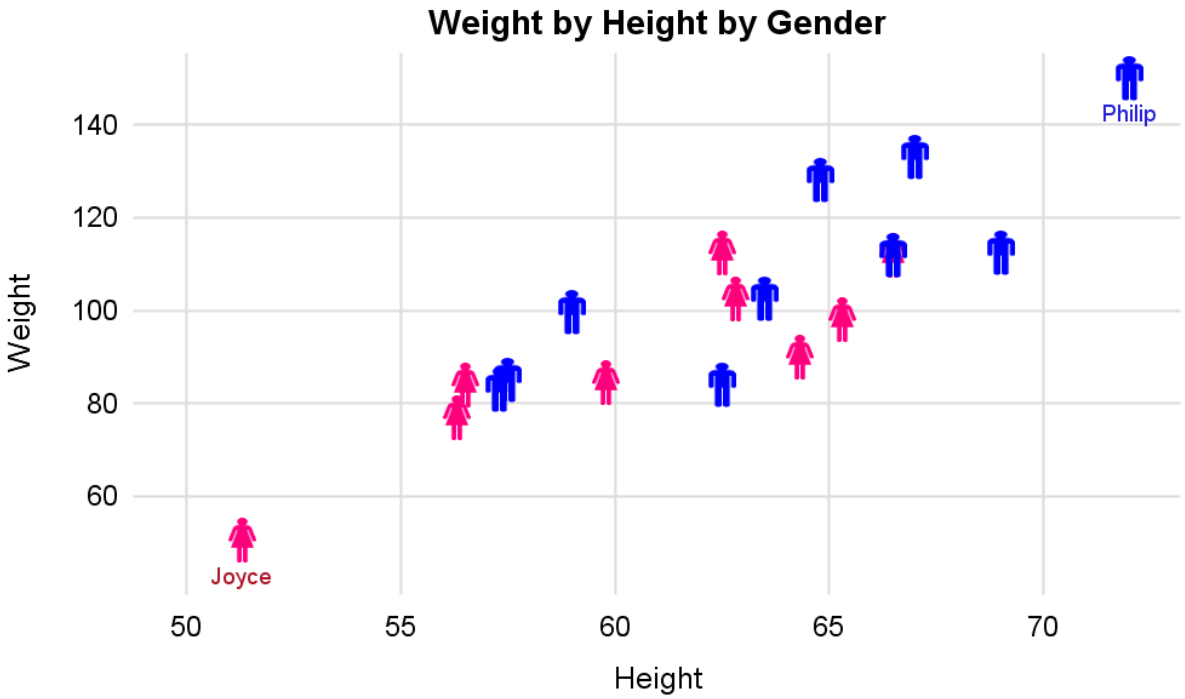
Interpreting graphs



How can you interpret this graph? Yes



How can you interpret this graph? Yes



How can you interpret this graph? Yes

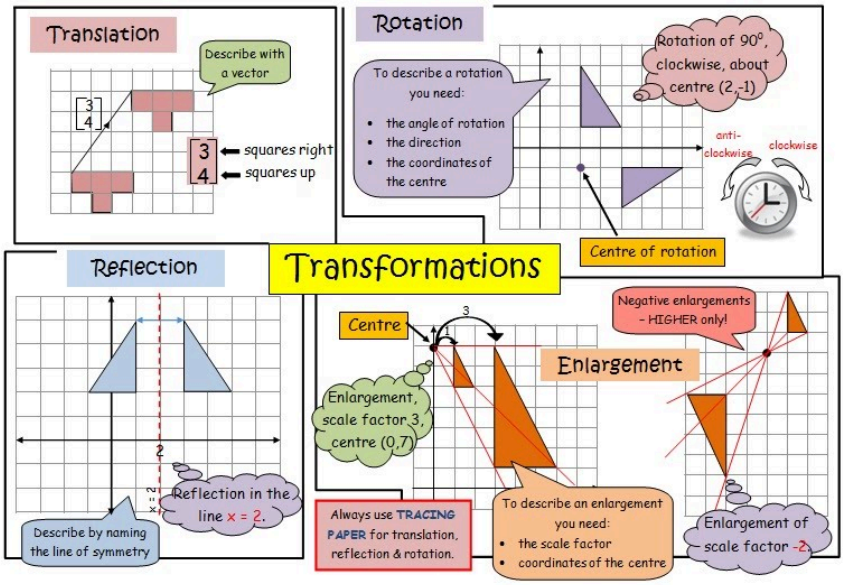
TRAIN TIMETABLE

STATIONS	TRAIN 1	TRAIN 2	TRAIN 3	TRAIN 4	TRAIN 5
CHURCH STREET	08:04	08:19	08:34	08:49	09:04
SANDYCOMBE CIRCLE	09:08	09:23	09:38	09:53	10:08
HENLEY HOSPITAL	10:05	10:20	10:35	10:50	11:05
HILLSIDE MALL	11:07	11:22	11:37	11:52	12:07
DULWICH PARK	12:04	12:19	12:34	12:49	13:04
GRAND CENTRAL	13:08	13:23	13:38	13:53	14:08
STATION PARADE	14:05	14:20	14:35	14:50	15:05
GOLDSTEAD	15:07	15:22	15:37	15:52	16:07
MONUMENT DISTRICT	16:05	16:20	16:35	16:50	17:05
LORDSHIP SQUARE	17:07	17:22	17:37	17:52	18:07

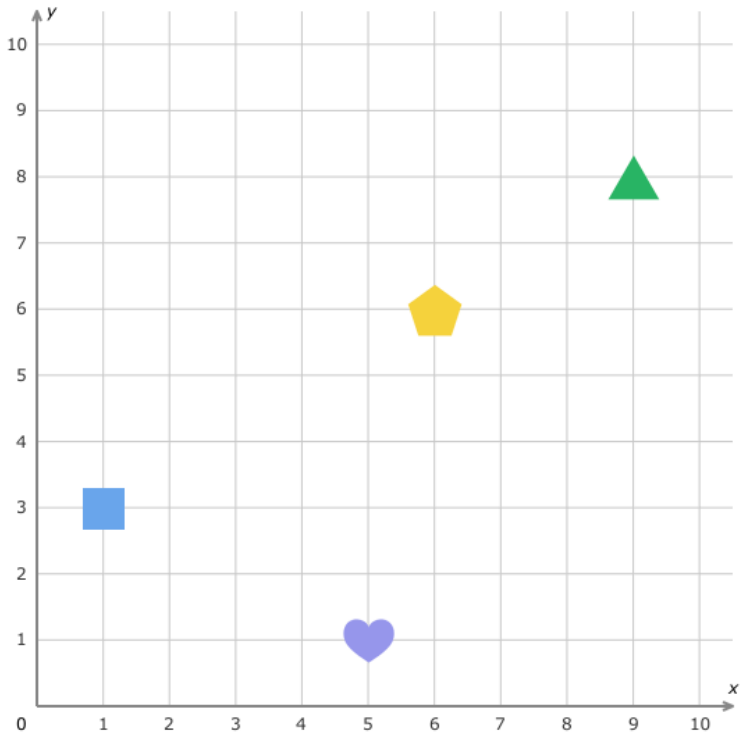
Jill misses Train 3 at Goldstead by 6 minutes. How long does she have to wait until she can get the next train?

= 9 minutes

Bob gets to Church Street at 08.15, what train should he catch? Train 2/8:19



What is the *x*-coordinate of the yellow pentagon ?



x-coordinate:

What is the coordinate of the heart? 1,5
The square moves 2 places left and one place up. What is it's new coordinate? 4,10

The triangle is reflected across line y = 7 . What is the location of the reflection? 7, 9

-2 + - 3 = -1

1 - 5 = 4

FINDING A RULE!
VIDEO

1	2	3	4	5	6	7
4	7	10	13	16	19	22

The rule is: N x 3 + 1
The 20th number in the pattern is: 61

Number	1	2	3
Number of stars	3	5	7

What is the rule for this pattern? N x 2 + 1

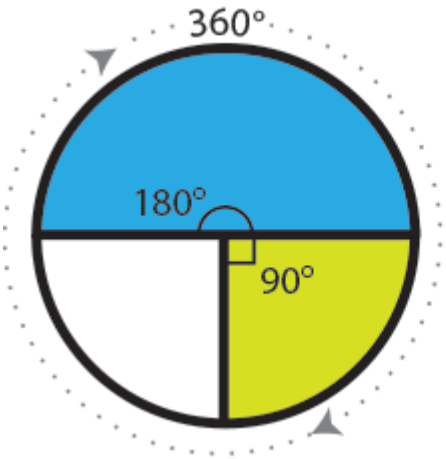
What would the next two numbers in the pattern be? 9, 11

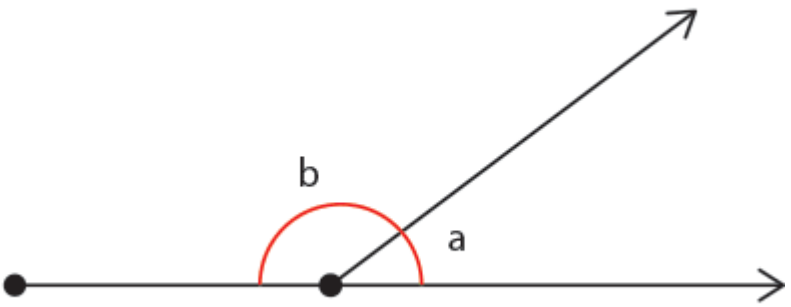
What would the 100th number be? 201

T x 2 = 20
T x 5= 50

7 x B = 63
2 x B = 18

Angles





Estimate the size of angle a = 40

Estimate the size of angle b = 140

What do the interior angles of a triangle add up to? 180