Hello again Year 6,

So, I am going to try and send you a mix of topic work (such as decimals) that you would be covering in class and continue our SAT style question practice. These will be on a range of topics.

I will put the questions first - for you to have a go at, then follow with the answers.

From,

Mrs Yeandle

Jan 6-11:50

This table shows the activities chosen by children at the leisure centre on 3 days, last week.

	Friday	Saturday	Sunday
swimming	23	25	19
climbing wall	8	17	16
badminton	9	12	7

How many children chose the climbing wall over the three days?

Which day had the largest number of children attend the activities at the leisure centre?

Jan 6-11:56

	Rounded to the nearest whole number	
4.05	→	
8.52	→	
16.79	→	
25.28	→	

Jan 6-12:02

Circle the number that is not a square number.

9 16 36 48 81 100

Jan 6-12:08

A pond is 36m long.

A duck swims 4 lengths of the pond each day.

How far does he swim in 3 weeks?

Jan 6-12:09

blazer	£22.00
shirt	£6.80 per pack of 2
pair of trousers	£11.50
tie	£2.15
jumper	£8.75

Colin needs 4 shirts, 2 pairs of trousers and a tie.

How much change does he get from £50.00?

Jan 6-12:10

A rectangular field has an area of $162m^2$

The field has a width of 6m

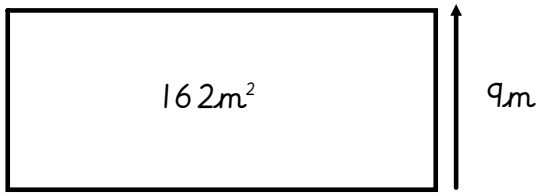
What is the length of the field?

Jan 6-12:19

A different field also has an area of $162m^2$

The width of this field is 9m

What is the perimeter of the field?



Jan 6-12:22

Answers

Jan 6-12:24

This table shows the activities chosen by children at the leisure centre on 3 days, last week.

	Friday	Saturday	Sunday
swimming	23	25	19
climbing wall	8	17	16
badminton	9	12	7
	40	54	42

How many children chose the climbing wall over the three days? 41

Which day had the largest number of children attend the activities at the leisure centre? Saturday

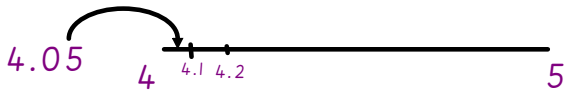
Jan 6-11:56

	Rounded to the nearest whole number	
4.05	→	4
8.52	→	9
16.79	→	17
25.28	→	25

Tip

Think about which whole number comes before and which one comes after.

Maybe draw a blank number line, then think where you would place the number on the number line.



Jan 6-12:02

Circle the number that is not a square number.

9 16 36 (48) 81 100

3 X 3 = 9

4 X 4 = 16

6 X 6 = 36

9 X 9 = 81

10 X 10 = 100

Jan 6-12:08

A pond is 36m long.

A duck swims 4 lengths of the pond each day.

How far does he swim in 3 weeks?

So, in a day a duck swims 36m X 4

36
X4
144
2

144m per day

There are 21 days in 3 weeks

So, we need to calculate 144 X 21

Remember

X20 = X10 X2

Do not forget your place holder to show you have X10

144
X21
144 (X by the 1)
2880 (X by the 20)
3024
1 1

The duck swims 3024m

Jan 6-12:09

blazer	£22.00
shirt	£6.80 per pack of 2
pair of trousers	£11.50
tie	£2.15
jumper	£8.75

Colin needs 4 shirts, 2 pairs of trousers and a tie.

How much change does he get from £50.00?

4 shirts, so 2 packs of 2, £6.80 X 2 = £13.60

2 pairs of trousers, £11.50 X 2 = £23.00

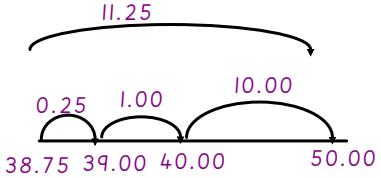
A tie = £2.15

13.60
23.00
2.15
38·75

£38.75 spent

4 9 9
~~5 0 0 0~~
- 38.75
11.25

or



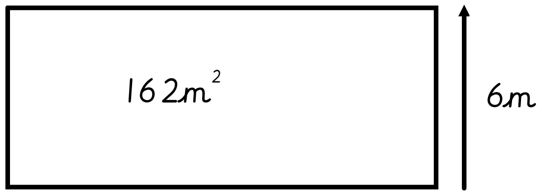
£11.25 change

Jan 6-12:10

A rectangular field has an area of $162m^2$

The field has a width of 6m

What is the length of the field?



Area = Length X Width So, 162 = ? X 6

We need to know how many 6's make 162,

so we need to calculate 162 divided by 6

$6 \overline{)1\,{}^{1}6\,{}^{4}2}$ = 027

So the length must be 27m

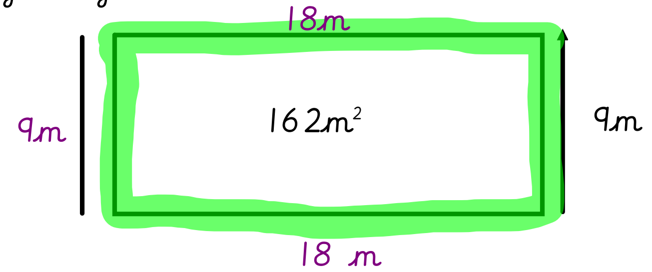
Jan 6-12:19

A different field also has an area of $162m^2$

The width of this field is 9m

What is the perimeter of the field?

Remember perimeter is all around the edge of the shape.



I need to find the length of the field, before I can calculate the perimeter.

$9 \overline{)1\,{}^{1}6\,{}^{7}2}$ = 018

Perimeter = 18 + 9 + 18 + 9 = 54m

Jan 6-12:22

Remember you can send me your work to look at via UKS2parents@epcollier.reading.sch.uk

Or keep a copy for me to see the next time I see you.

Keep safe,

From Mrs Yeandle

Jan 6-12:25