Hawk Signposts 6_1

World's Worst Children

Today is your opportunity to finish off your World's Worst Children stories – complete them, write them up, illustrate them…whatever you need to do! I look forward to seeing your finished stories!

Arithmetic Questions

1)	17 x 3.6
2)	29% x 740
3)	2/7 x 5/12
4)	$14 + 63 \times 2^3$
5)	442 - 970
6)	$7^2 - 3^3$
7)	19,000 x 2000
8)	2/9 of 2709
9)	32.6 ÷ 5
10)	456 ÷ 19

PSHE

If you are in school, you have SRE lessons for your PSHE today. Your teacher will explain what you are doing.

If you are at home, your task is to watch the following video about puberty. Please check with your parents before watching it: https://www.bbc.co.uk/teach/class-clips-video/rse-ks2-puberty-whats-happening-to-my-body/znhdvk7

You should then write your own list of questions, which you can ask to your parents or get your parents to email your questions to me.

Maths

See the arithmetic questions on this page and the reasoning questions on page 2

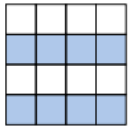
Complete your work on your google classroom account wherever possible and submit this to Miss Hill for marking. You can also send pictures of work you have done on paper, or photos of activities, to nhill@meldreth.cambs.sch.uk or over your starz account.

Reasoning Questions

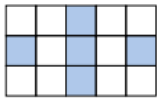
What fraction of each shape has been shaded?

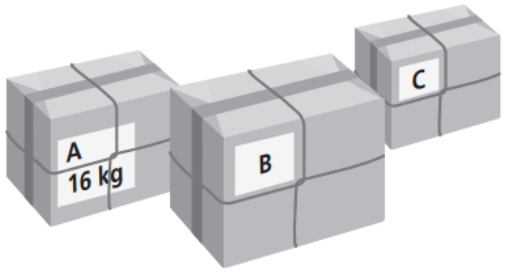
Write each fraction in its simplest terms.

(a)



(b)





Parcel B is 3 times heavier than Parcel A.

Parcel C is an eighth of the mass of Parcel A.

Write the masses of Parcels B and C.

Here are some number cards.

3	4	5	6

Use each number **once** to complete these statements.

2 ☐	is a **factor** of 52
2 ☐	is a **prime number**.
2 ☐	is a **multiple** of 8
2 ☐	is a **square number**.

Oakfield School has 7 classes.

The school wants to spend £1325 on each class for books and equipment.

£3500 of the money is raised from a summer fair.

How much more money does the school need altogether?

Sam takes **70** seconds to run **400** metres.

(a) Sam keeps running at the same speed.

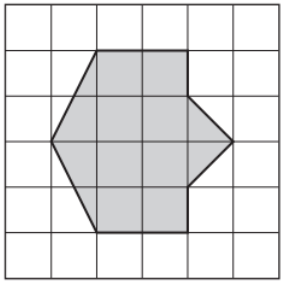
How long will it take him to run **600** metres?

(b) Sam does a new run at the same speed for **280** seconds.

How far does he run this time?

This shape is drawn on centimetre-squared paper.

What is the area of the shaded shape?



Challenge question! Give it a go, but don't worry if you find it too hard!

a and b are two numbers.

We know that

$a + b = 9$ $\quad$ $a > b$ $\quad$ $b < 4$

What values could a and b be?

Write two pairs.