

# Hawk Signposts 64



## Darth's Dream Car

Have a look at the picture and then write a story using the following story starter:

*Darth, like every other villain, had hobbies. Yes, he obviously liked light sabers and flying around space at catastrophic speeds. He was also fond of trying to eliminate Jedi. However, Darth had a need for speed and loved nothing more than cruising around in his favourite sports car.*

*He loved the slick, black tyres, the feeling in the pit of his stomach as he accelerated to great speed along a straight stretch of road. He really could forget all about his troubles, especially those pesky Jedi!*



## Maths

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

## Science

If you are at school, you have SRE this afternoon.

If you are at home: choose a science experiment from this website – and have fun!

[https://www.whizzpopbang.com/science-experiments-for-kids/?gclid=EAlaIQobChMlvr790Jma6glVxrTtCh2svwqmEAAYAiAAEgLIHvD\\_BwE](https://www.whizzpopbang.com/science-experiments-for-kids/?gclid=EAlaIQobChMlvr790Jma6glVxrTtCh2svwqmEAAYAiAAEgLIHvD_BwE)

## Arithmetic Questions

1)	$9.8 \times 2.4$
2)	76% of 268
3)	$8/45 - 2/3$
4)	$3 \times (4 + 6.8)$
5)	$7^2 \times 4^3$
6)	$5.62 \div 1000$
7)	$12,000 \times 7000$
8)	2/11 of 154
9)	$824.3 \div 5$
10)	$1026 \div 19$

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](mailto:nhill@meldreth.cambs.sch.uk) or over your starz account.

## Reasoning Questions

Sam says,

"20% of the shape is shaded."



Do you agree with Sam?

Explain your answer.

Solve the equations to find  $n$ .

a)  $130 = n + 25$

b)  $45 = 8n - 27$

c)  $\frac{n}{7} = 22$

(a) The rule for a sequence is 'multiply by 2 and add 3'.

Copy this sequence and find the missing numbers.

1     5       

(b) The rule for a different sequence is 'multiply by 3 and subtract 1'.

Copy this sequence and find the missing numbers.

    5     14       

Find the missing number in each calculation

a)  $\frac{\square}{5}$  of 40 = 16

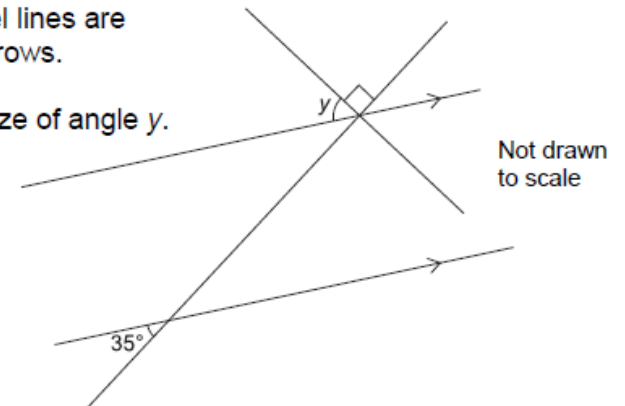
b)  $\frac{4}{\square}$  of 14 = 8

c)  $\frac{3}{10}$  of  $\square$  = 15

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

2) The two parallel lines are marked with arrows.

Work out the size of angle  $y$ .



Sam buys 20 metres of fabric.

He uses  $\frac{3}{10}$  of it to make a dress.

He uses  $2\frac{1}{3}$  metres to make some trousers.

How many metres does he have left?