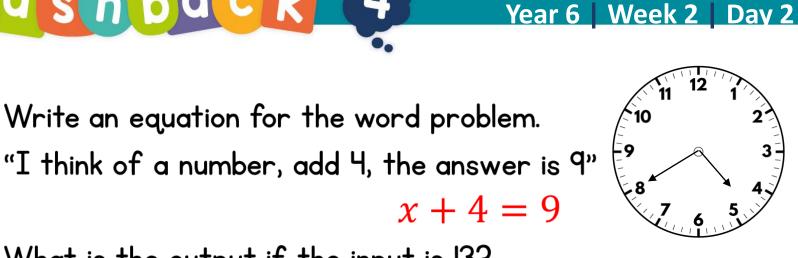
x + 4 = 92) What is the output if the input is 13? 60 Input Output $\times 3$

Write an equation for the word problem.

Write 0.7 as a fraction 3)

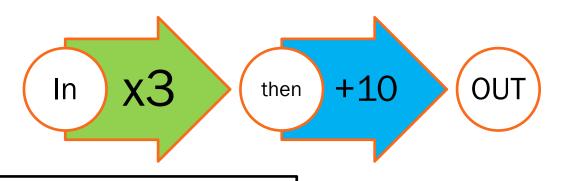
4) Find the area of a square with side lengths 16 cm 256 cm^2



Flashback Ц

I)

RECALL



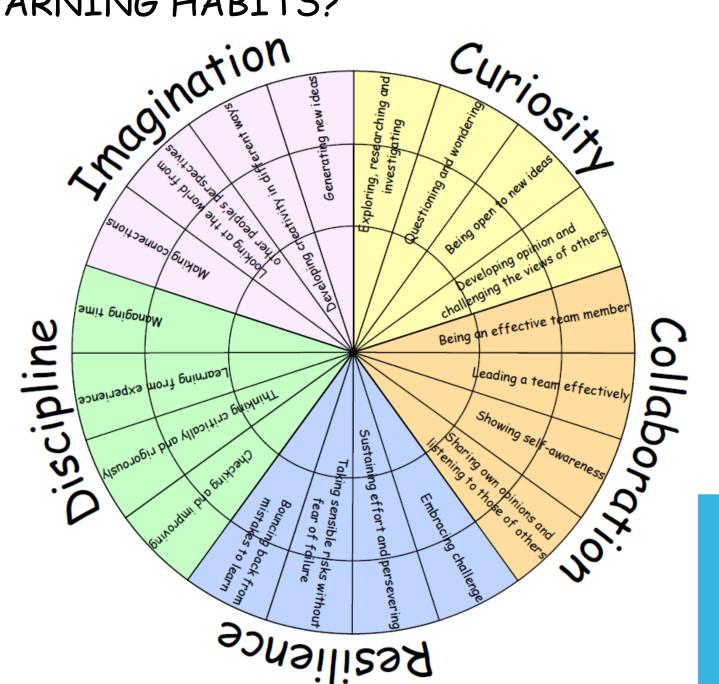
- Can you complete the table?
- Can you write these algebraically?
- What do you need to use in the formula for the second machine?

In +10 then x3 OUT

Input	1	2	3	4	5	10	20
Output							



LEARNING HABITS?

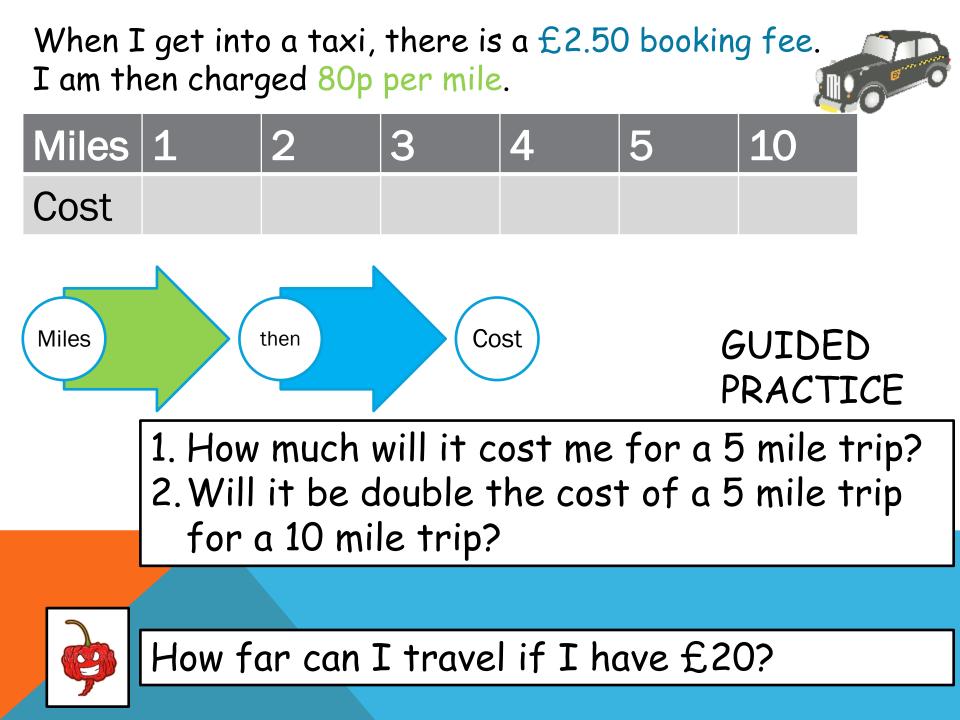


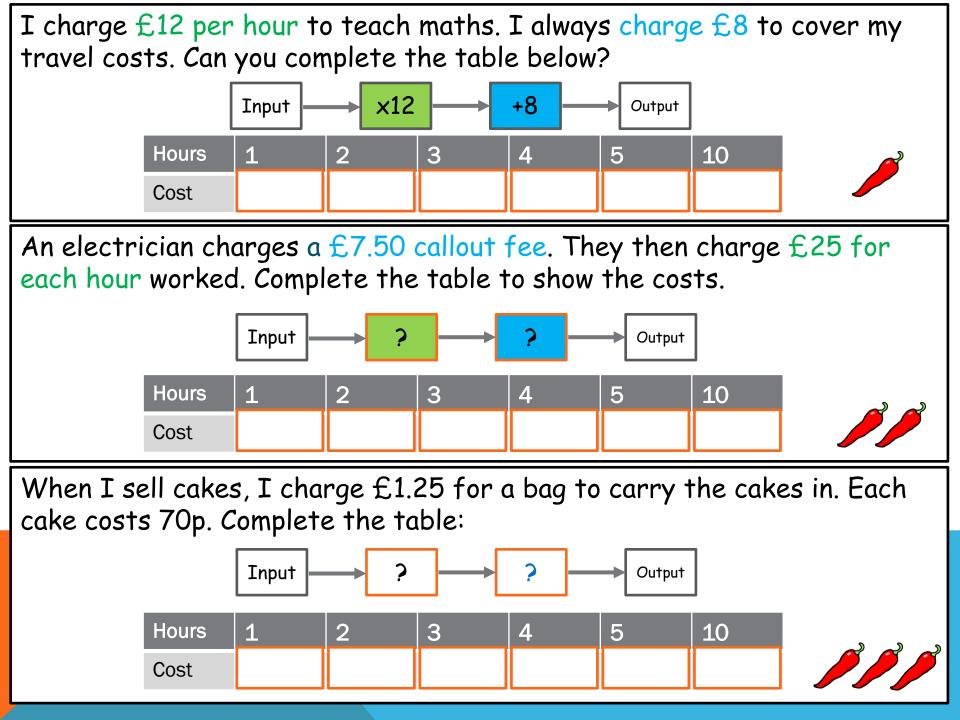
GUIDED PRACTICE

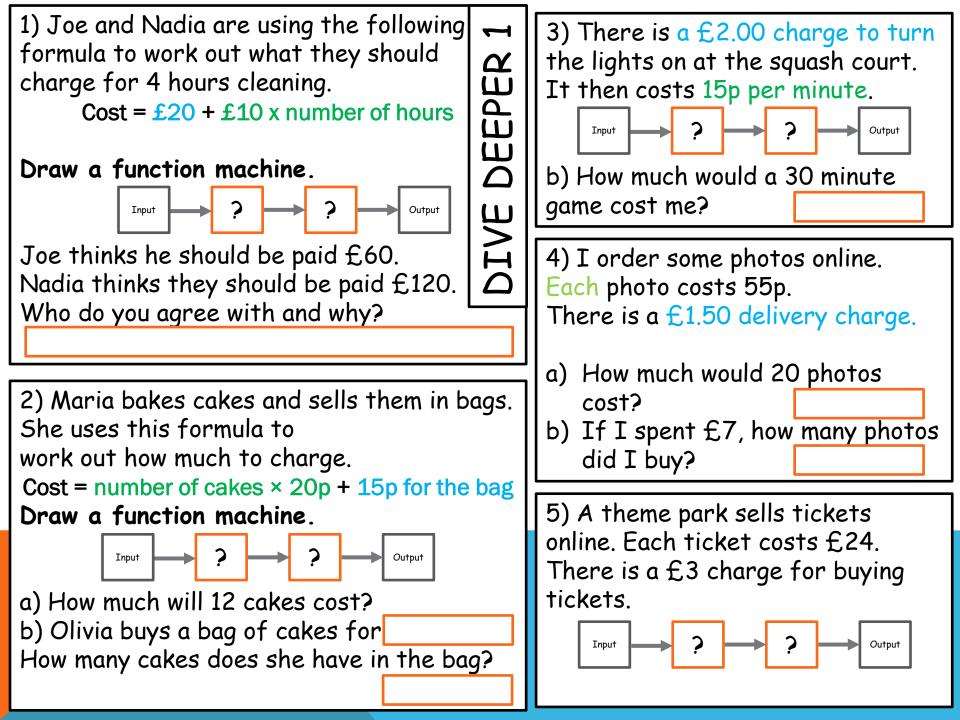
When I get into a taxi, there is a £2.50 booking fee. I am then charged 80p per mile.



 How much will it cost me for a 5 mile trip?
Will it be double the cost of a 5 mile trip for a 10 mile trip?







DIVE DEEPER 2

5) Sheila stacks blocks onto a base.

The base is 15cm tall. Each block is 10cm tall.

Input ? ? Output

a) Sheila uses 8 blocks. How tall is the tower?

b) The tower is 2.35m tall. How many blocks did Sheila use?

6) Dani thinks of a number. She doubles it then adds 3. She gets the answer of 15. What number did she think of?

7) Josh subtracts 12 from his number then multiplies the answer by 3. He gets the same number he started with. What was it? 8) Ms Jones prints booklets.



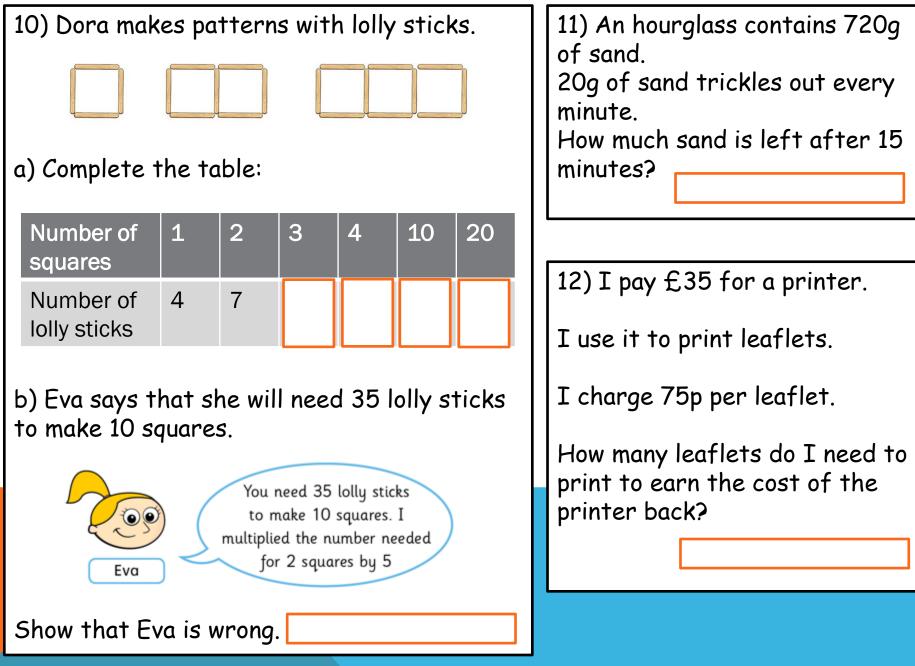
Jon pays £5.25 for his book, including the cover.

How many pages are in his book?

9) If you take Harriet's age, add three and double it, you get her mum's age.

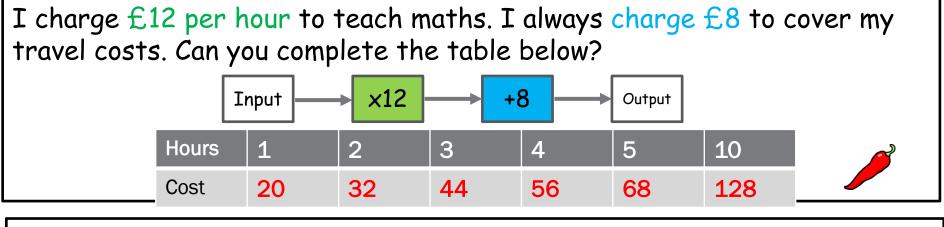
If you add their ages together, you get a total of 57, how old is Harriet and how old is her mum?

DIVE DEEPER 3

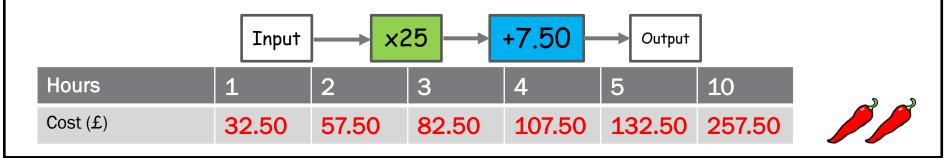


SELF-ASSESSMENT

- Some will even use inverse equations
- Some will use formula too
- Most will be to draw tables and function machines
- All will use draw tables to answer questions

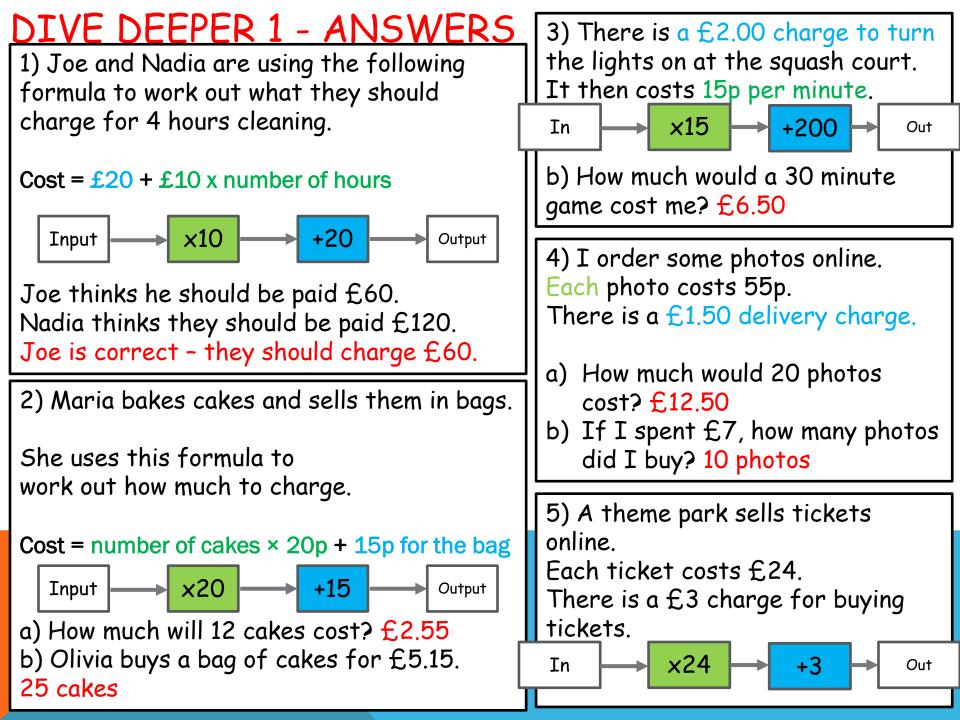


An electrician charges a ± 7.50 callout fee. They then charge ± 25 for each hour worked. Complete the table to show the costs.

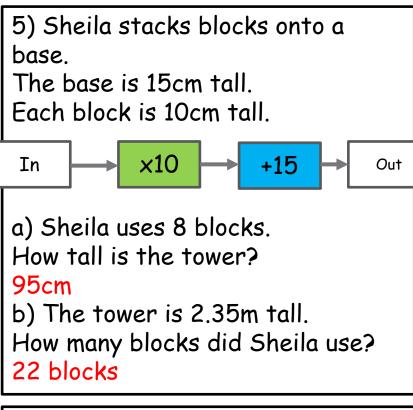


When I sell cakes, I charge ± 1.25 for a bag to carry the cakes in. Each cake costs 70p. Complete the table:



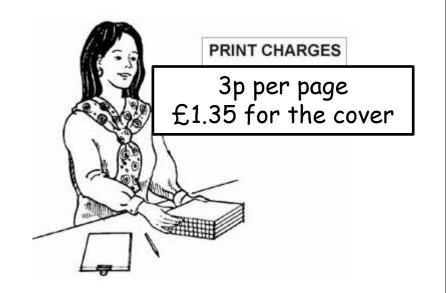






6) Dani thinks of a number. She doubles it then adds 3. She gets the answer of 15. What number did she think of? 6

7) Josh subtracts 12 from his number then multiplies the answer by 3. He gets the same number he started with. What was it? 18 8) Ms Jones prints booklets.



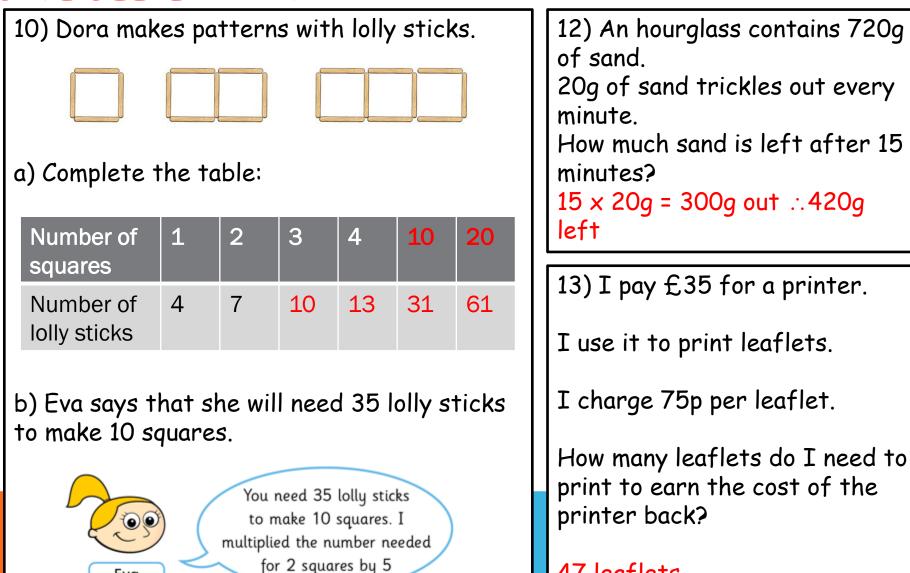
Jon pays £5.25 for his book, including the cover.

How many pages are in his book? 130

9) If you take Harriet's age, add three and double it, you get her mum's age.

If you add their ages together, you get a total of 57, how old is Harriet and how old is her mum? Harriet = 17 Mum = 40

DIVE DEEPER 3 - ANS



47 leaflets

10 squares needs 31 sticks: 3n + 1

Eva