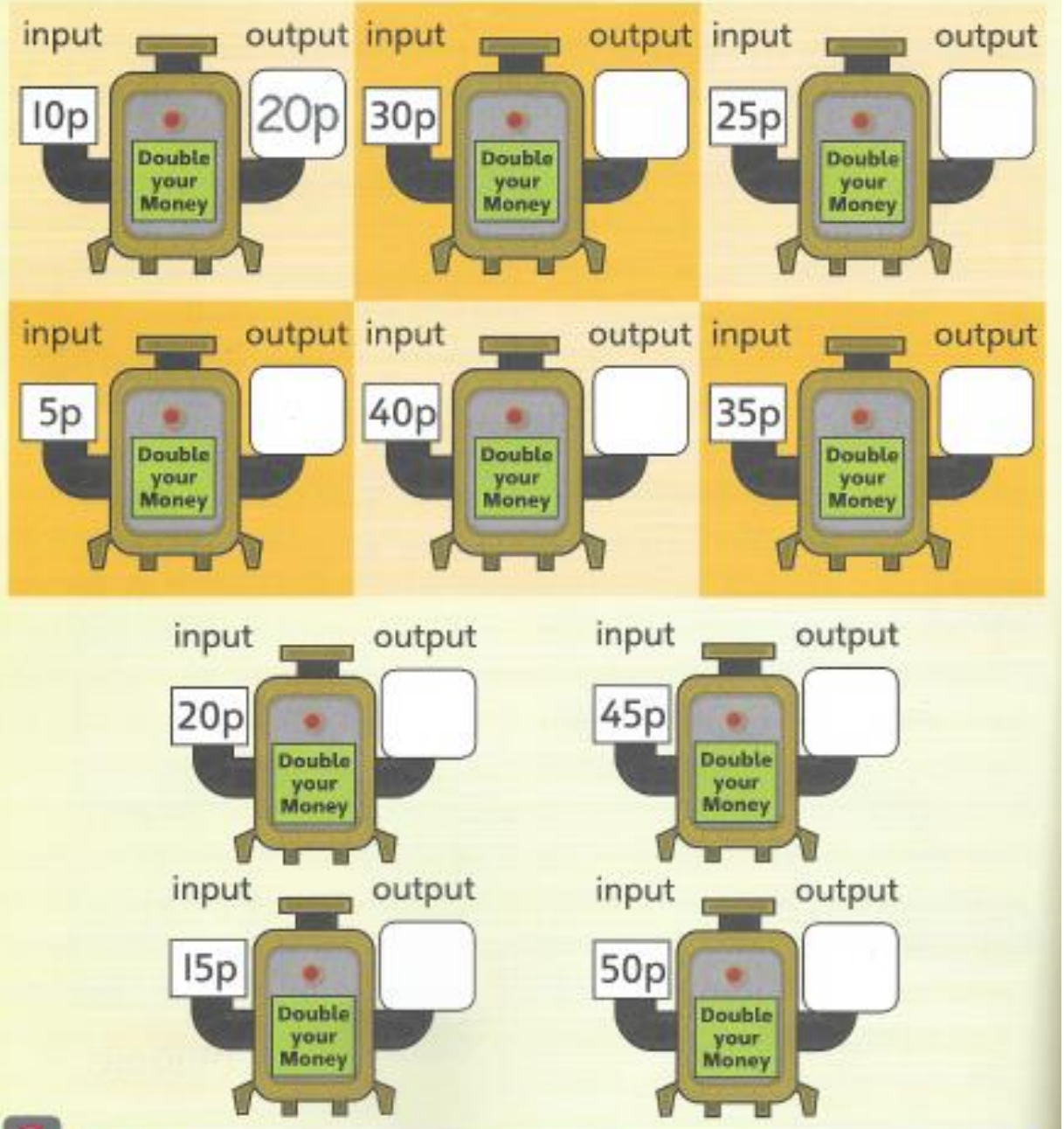
7.12.20

Doubling amounts of money



Double the amount in each machine at the 'Double your Money' factory.

ACTION Use 10p and 5p coins to help you.

THINK Tell your partner an amount that comes out of the machine, for example 50p. Can they tell you what went in?

8.12.20

Doubling and halving

1. Double 13 is ☐
2. Double 23 is ☐
3. Double 33 is ☐
4. Double 21 is ☐
5. Double 41 is ☐
6. Double 34 is ☐
7. Double 42 is ☐
8. Double 24 is ☐
9. Double 43 is ☐
10. Double 44 is ☐
11. Double 52 is ☐
12. Double 63 is ☐
13. Double 71 is ☐
14. Half of 64 is ☐
15. Half of 48 is ☐
16. Half of 26 is ☐

17. Choose a number in the 5 times-table and double it. Try this with different numbers in the 5 times-table, what do you notice?

9.12.20

Fractions

12		24		40	
20		16		28	

Sean has to give $\frac{1}{4}$ of his pocket money to his sister. He has 44p. How much must he give her?

Abshly is 12 years old. He has lived half his life in the city and half his life in the country. How many years did he live in the city?

Cinema tickets are £4. Jade's mum says she must pay half. How much does Jade pay?

Divide each shape into quarters. Use interlocking cubes to find $\frac{1}{4}$ of each number. Then solve the word problems.

ACTION Use interlocking cubes to help you.

THINK Find a quarter of 100. Can you find a quarter of 1000?

10.12.20

Finding $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$

Find $\frac{1}{2}$, $\frac{1}{4}$ and $\frac{1}{3}$ by looking at the olives on the pizzas and the candles on the cakes.

1

$\frac{1}{2}$ of 10 = ☐

2

$\frac{1}{3}$ of ☐ = ☐

3

$\frac{1}{2}$ of ☐ = ☐

4

$\frac{1}{4}$ of ☐ = ☐

5

$\frac{1}{3}$ of ☐ = ☐

6

$\frac{1}{4}$ of ☐ = ☐

THINK

One-quarter of a bag of oranges is 5 oranges. How many oranges are in the whole bag? How many in two bags?

I am confident with finding halves, thirds and quarters of a number of objects.

11.12.20

Finding $\frac{1}{2}$, $\frac{1}{3}$ or $\frac{1}{4}$

$\frac{1}{4}$ of 8 = ☐

$\frac{1}{3}$ of ☐ = ☐

$\frac{1}{4}$ of ☐ = ☐

$\frac{1}{2}$ of ☐ = ☐

$\frac{1}{2}$ of ☐ = ☐

$\frac{1}{3}$ of ☐ = ☐

$\frac{1}{3}$ of ☐ = ☐

Find the fractions for each pizza topping.

ACTION Use interlocking cubes to match the toppings.

THINK Draw your own pizza. Add tomatoes. Find one-third.