



Maths:

Today we are recapping...

Multiplication - Combining amounts of money.

https://www.youtube.com/watch?v=eSBCcr_flbl

Five in 5

Write the answers in your work book.

1. $25 + \underline{\quad} = 100$

2. $20 - \underline{\quad} = 5$

3. $5 \times 5 = \underline{\quad}$

4. Half of 12 = $\underline{\quad}$

5. 10 less than 32.

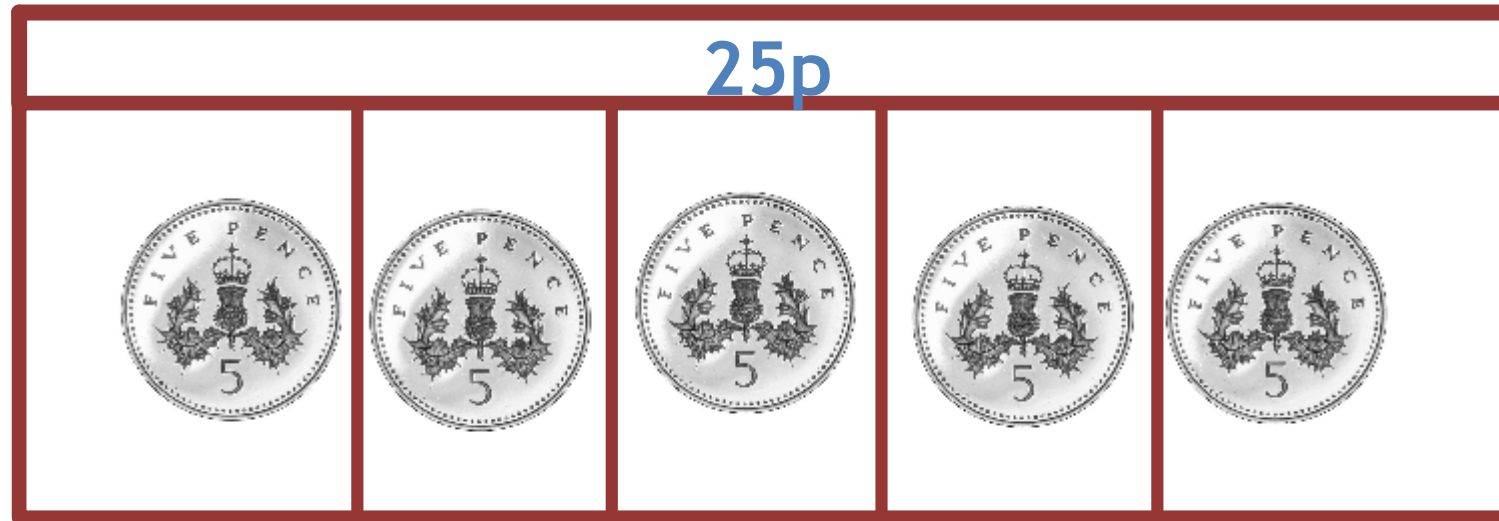


How much money do I have altogether?
To work this out I could use repeated
addition...



First put your money into equal groups.
I have 5 equal groups with 5p in each group.

Then add your groups together....



$$5p + 5p + 5p + 5p + 5p = 25p$$

Is there another calculation I could do?

I could use multiplication!
So there are 5 equal groups with 5p in each group.



$$5p + 5p + 5p + 5p + 5p = 25p$$

$$5 \times 5p = 25p$$

Try this one...

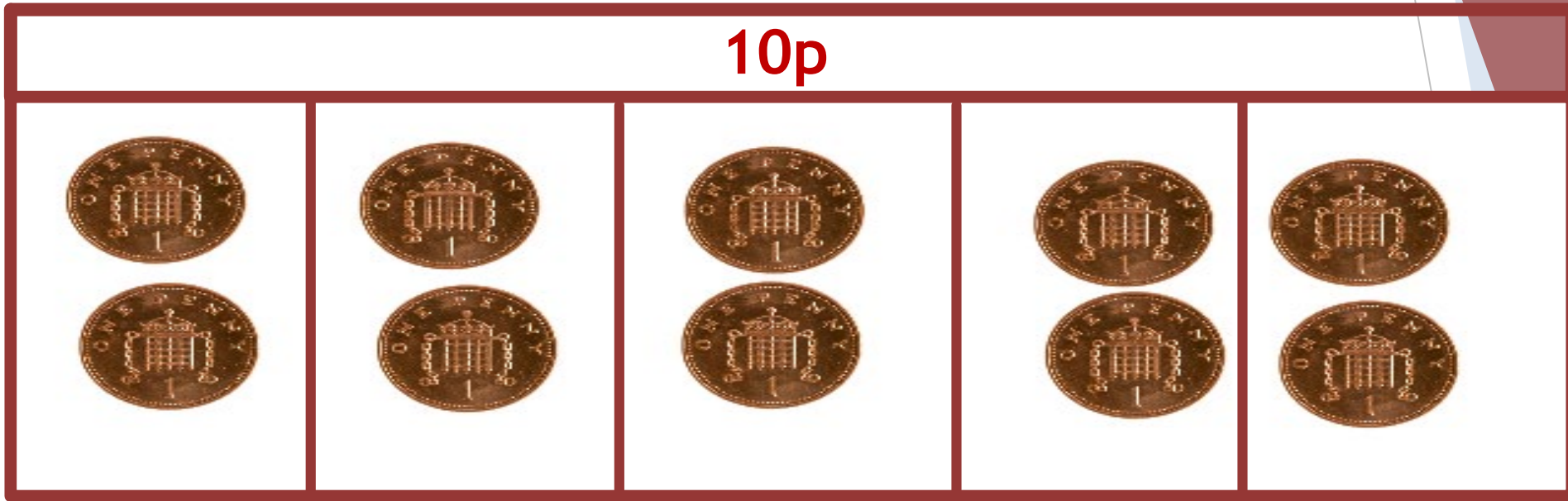


There are ___ equal groups with ___ in each group.

$$\underline{\quad} p + \underline{\quad} p + \underline{\quad} p + \underline{\quad} p + \underline{\quad} p = \underline{\quad} p$$

$$\underline{\quad} \times \underline{\quad} p = \underline{\quad} p$$

Did you get the correct answer?



There are **5** equal groups with **2p** in each group.

$$2p + 2p + 2p + 2p + 2p = 10p$$

$$5 \times 2p = 10p$$

Write the title:

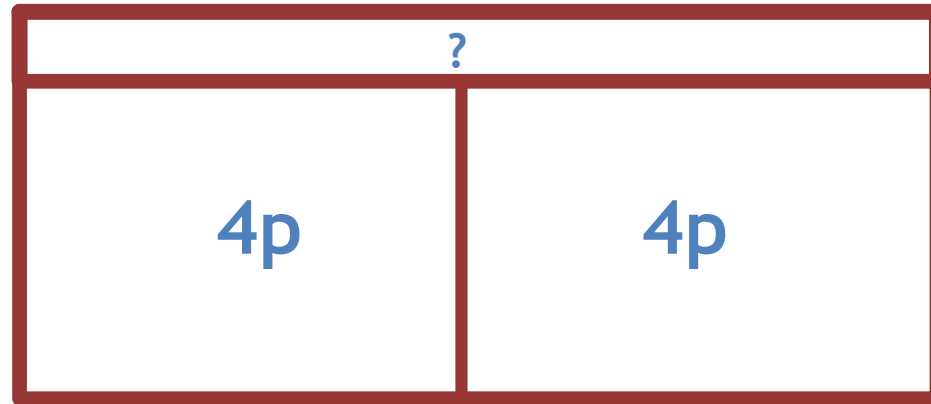
I can combine amounts of money.

Draw the bar model in your book. Then write and complete the stem sentence, addition and multiplication calculation below.

1.



Remember to write the total.

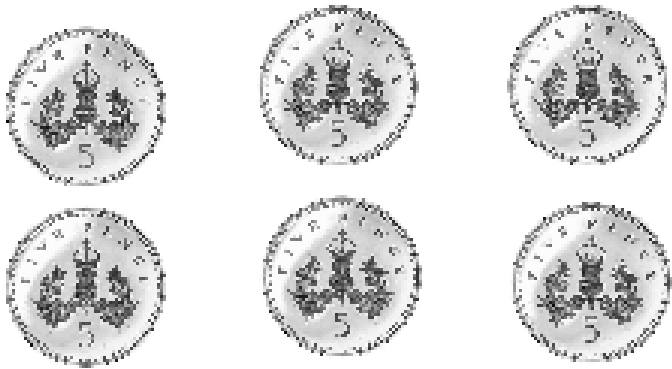


There are ___ equal groups with ___p in each group.

$$\underline{\quad}p + \underline{\quad}p = \underline{\quad}p$$

$$\underline{\quad} \times \underline{\quad}p = \underline{\quad}p$$

2.



Remember to write the total.

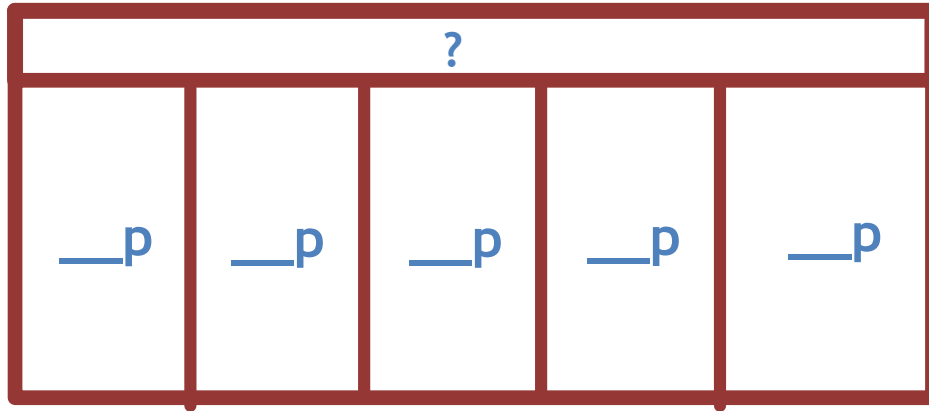
?		
__p	__p	__p

There are __ equal groups with __p in each group.

$$__p + __p + __p = __p$$

$$__ \times __p = __p$$

3.



There are __ equal groups with __p in each group.

$$__p + __p + __p + __p + __p = __p$$

$$__ \times __p = __p$$

4.



Separate your bar model into the amount of groups.



There are ___ equal groups with £___ in each group.

$$£__ + £__ + £__ = £__$$

$$__ \times £__ = £__$$

5.



Separate your bar model into the amount of groups.

?

There are ___ equal groups with £___ in each group.

Write the addition and multiplication calculation...

Did you get the correct answers?

1. There are 2 equal groups with 4p in each group.

$$4p + 4p = 8p$$

$$2 \times 4p = 8p$$

2. There are 3 equal groups with 10p in each group.

$$10p + 10p + 10p = 30p$$

$$3 \times 10p = 30p$$

3. There are 5 equal groups with 2p in each group.

$$2p + 2p + 2p + 2p + 2p = 10p$$

$$5 \times 2p = 10p.$$

4. There are 3 equal groups with £5 in each group.

$$£5 + £5 + £5 = £15$$

$$3 \times £5 = £15$$

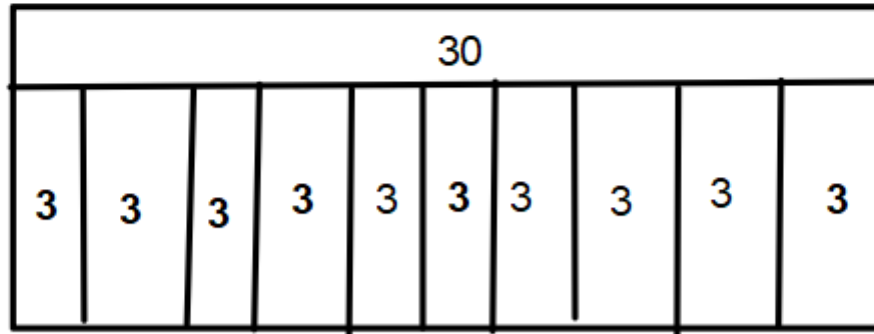
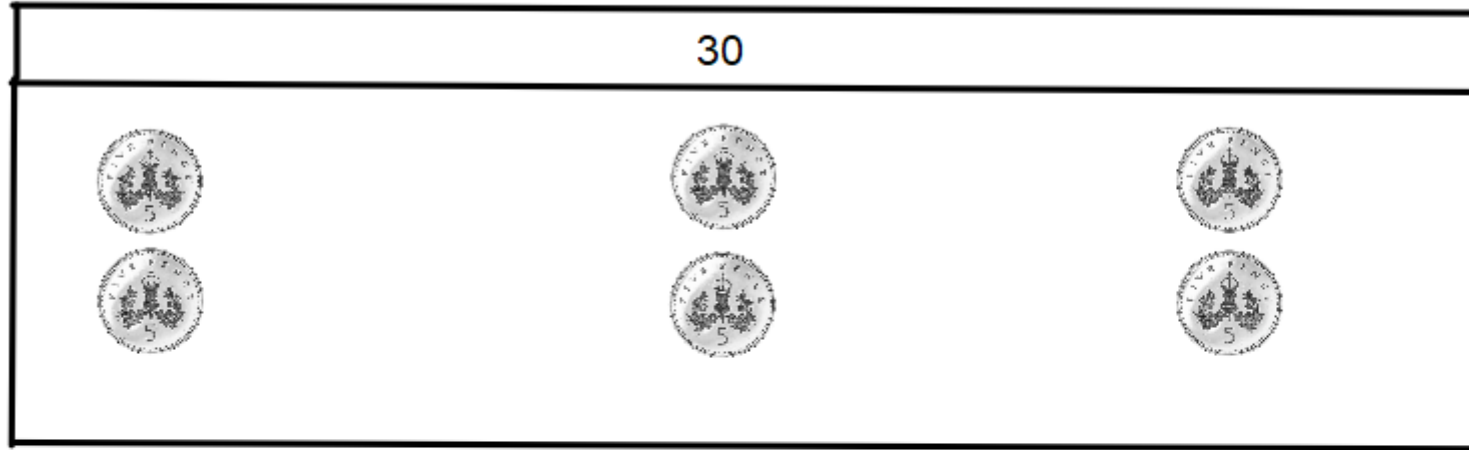
5. There are 4 equal groups with £10 in each group.

$$£10 + £10 + £10 + £10 = £40$$

$$4 \times £10 = £40$$

Challenge:

Amelia has worked out how much money she has.
Has she done the correct calculations?



$$3p + 3p + 3p + 3p + 3p + 3p + 3p + 3p + 3p + 3p = 30p$$
$$10 \times 3p = 30p$$

Challenge answer:

- ▶ Amelia has not completed the correct calculations.
- ▶ There are 3 equal groups with $10p$ in each group.
- ▶ $10p + 10p + 10p = 30p$
- ▶ $3 \times 10p = 30p$

Game!

Equipment:

- Counters or similar small objects.
- Paper and pens.

Instructions:

1. Play in pairs (You may need your grown up or sibling to help you).
2. Each grab a handful of counters or any small objects you can find and count them.
3. Make equal groups with your counters and record the amount of groups you have made, on your paper.
4. Make as many equal groups as you can.
5. When you have finished, compare what you have recorded on your paper with the other player. The person with the most equal groups wins the game.



What do you notice about the number of counters that will make a greater amount of equal groups?



Extension

Practice your timetables on TTRockstars.

<https://play.ttrockstars.com/auth/school/student/3505>

Play on the tournament Miss Dunning's class
verse Miss Carroll's class.

Help your class to win by earning points
practicing your times tables on TTRockstars!