KeeP-uppI Maths Workout

Year 1 - Pack 6 Answers

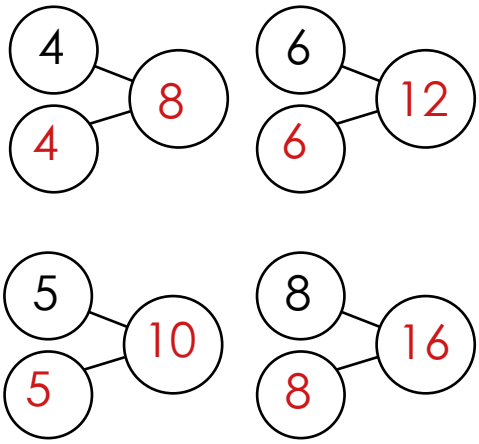
KPIs for Term 5

Represent multiplication using concrete objects and pictorial representations
Represent division using concrete objects and pictorial representations
Recognise and know the value of different denominations of coins and notes

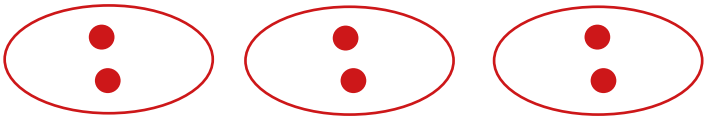
Workout A

Multiplication Workout

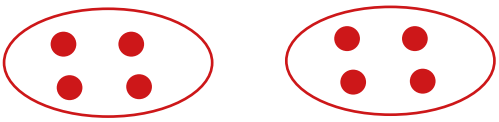
Double these numbers.



Show 3 groups of 2



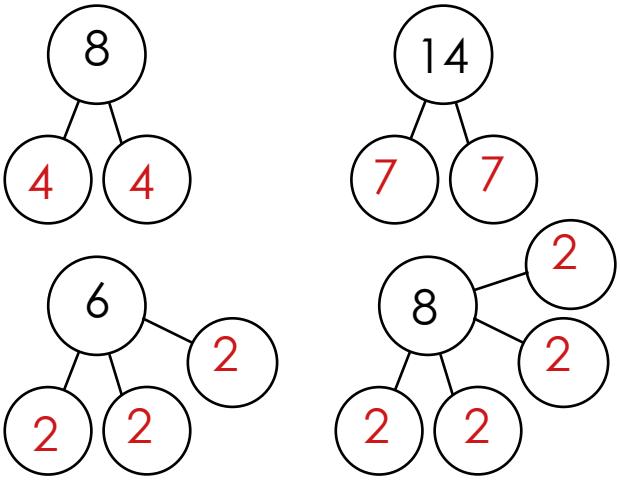
Show 2 groups of 4



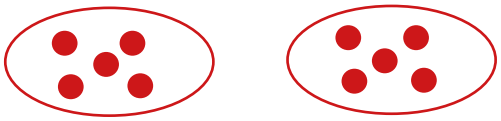
Workout B

Division Workout

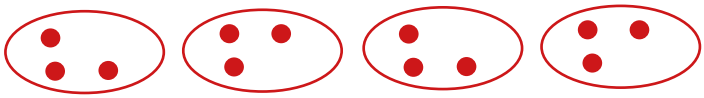
Share these numbers equally.



Show 10 shared equally between 2



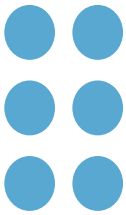
Show 12 shared equally between 4



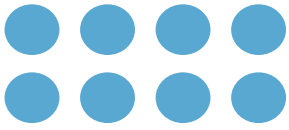
Workout C

Multiplication and Division Workout

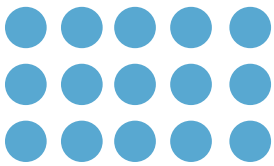
What does the array show?



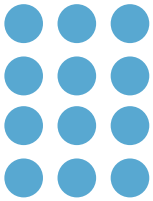
3 groups of 2



2 groups of 4



5 groups of 3



3 groups of 4

What does the bar show?

3	3	3	3

12 divided into 4 groups of 3

2	2	2	2	2

10 divided into 5 groups of 2

Sharing Game

Workout D

You need:
20 small items to share
1-6 dice

To play:
Every time it is your turn you grab a handful of items without counting them.
Roll the dice to find out how many groups you need to share them between.

Try to share the items equally. If you can share equally you score a point.
If they number of items cannot be shared equally between your number of groups you do not score a point.

I have grabbed 12 items.
I have thrown a 3 so need to share my items into three equal groups.

I have 4 in each group so I score a point.

To win:
The winner is the first player to score 5 points.

Missing Number Workout

Workout E

Put digits in the empty boxes so that the sentences are correct.

Complete them in several different ways if possible.

Possible solution

8 can be shared into [2] groups of [4]

[3] groups of 4 make [1]2 in total.

1[0] can be shared into [5] groups of [2]

4 groups of [5] make 2[0] in total.

Are there any boxes that it is impossible to put a 1 in? Why? What about other impossible digits?

Are there any boxes that could have any of the digits in them?

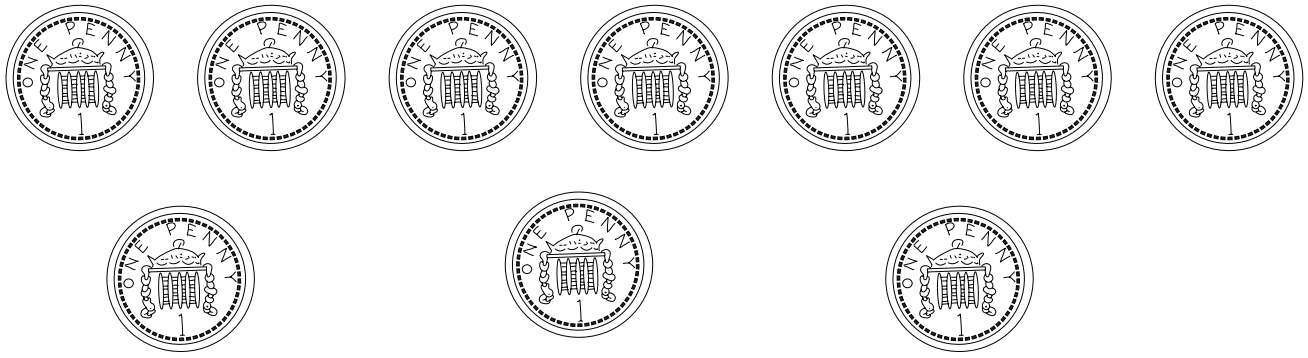
Now complete it using the digits 0, 1, 2, 3, 4, and 5 at least once each.

Money Challenge

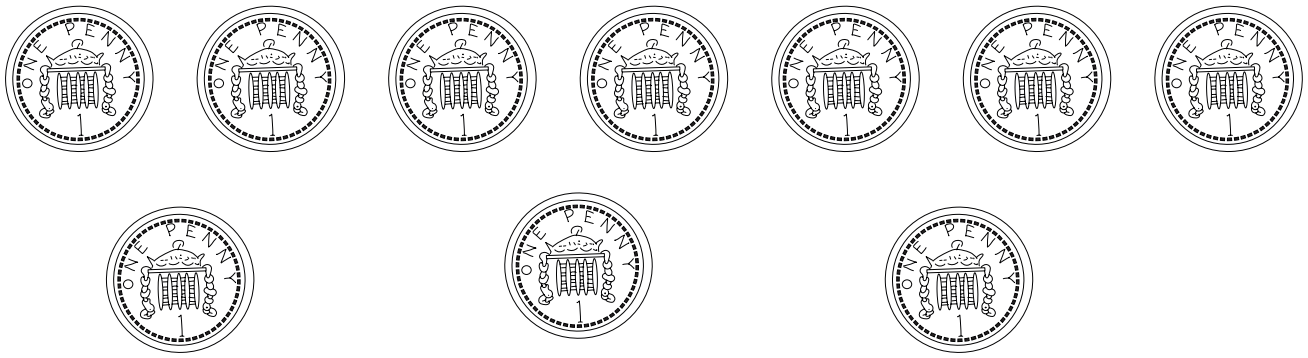
Workout F

Swap the one penny coins for other coins. Use real coins if you can, then represent the problem below.

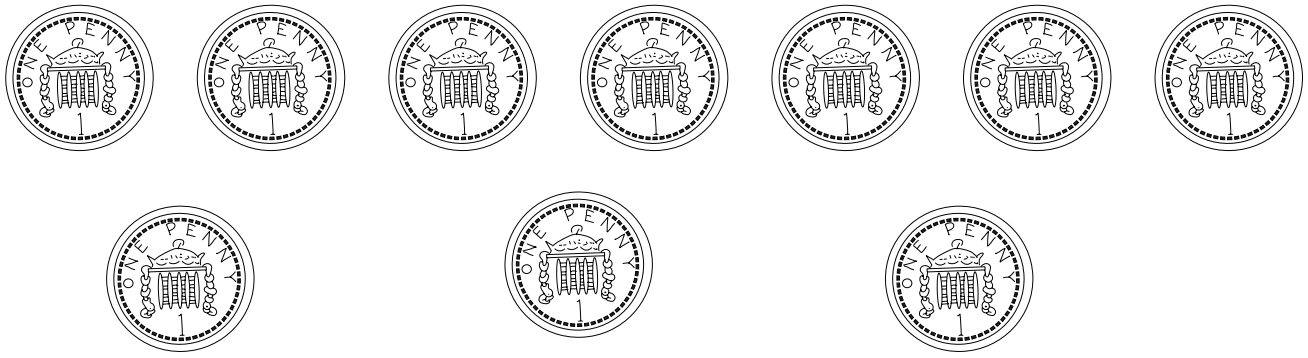
Colin has 10 one penny coins. How many 10p coins can he swap them for?



Colin has 10 one penny coins. How many 5p coins can he swap them for?



Colin has 10 one penny coins. How many 2p coins can he swap them for?



Coco has 20 one penny coins.
How many 10p coins can she swap them for?
How many 5p coins can she swap them for?
How many 2p coins can she swap them for?

Word Problem Workout

Workout G

1. Coco plants three rows of four flowers.
   How many flowers has she planted altogether?

12

2. Colin reads 2 pages of his book every day for a week.
   How many pages has he read in total?

14

3. Each car has 4 four wheels.
   How many wheels are there in total on four cars?

16

4. KeePuppI has made 6 flapjacks.
   Colin, Coco and KeePuppI share them equally.
   How many flapjacks do they have each?

2

5. Coco is tidying her desk. She has 15 crayons.
   She puts 5 crayons in each pot.
   How many pots are there?

3

5

6. Colin has 10p
   He only has 2p coins.
   How many 2p coins does he have?

Create your own problems multiplying and dividing numbers.

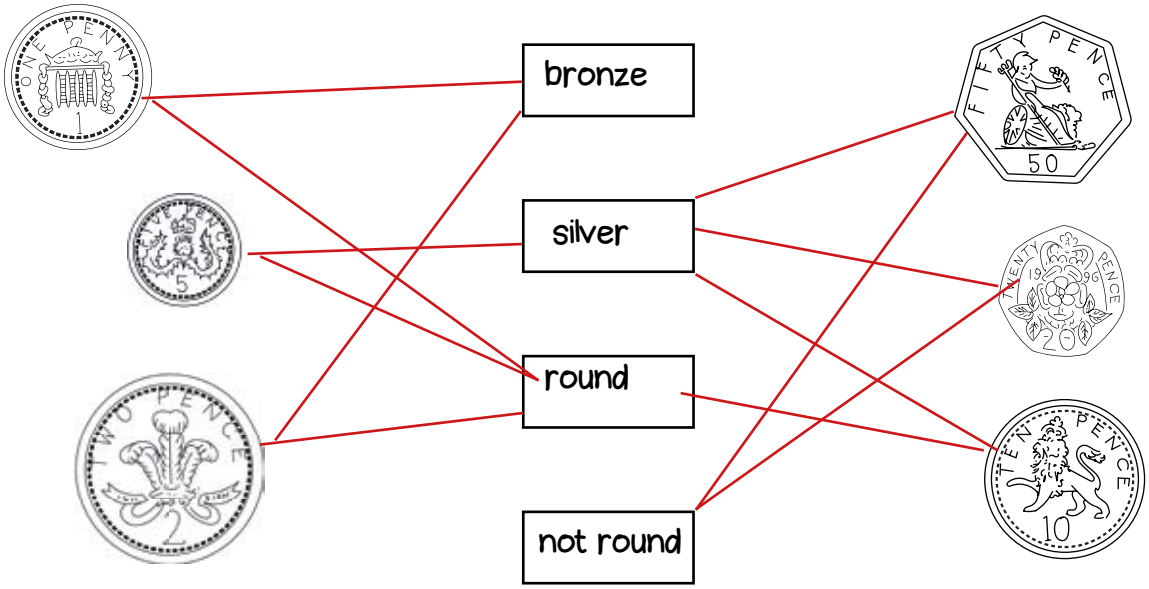
Matching Workout

Workout H

Match the groups to their total.
Fill in the missing buddies.

3 groups of 2	9
2 groups of 4	4
4 groups of 3	7
2 groups of 2	6
1 group of 7	12
3 groups of 3	8
5 groups of 2	15
3 groups of 5	3
3 groups of 1	10

Match the pictures of the coins to the correct descriptions.



Create your own Matching Workout.