

Problem solving – mixed correspondence problems

1



- a) Draw lines to show how many different ways there are to choose a bucket and a spade.

There are different ways to choose a bucket and a spade.

- b) What calculation could you use to work this out?

$$\square \times \square = \square$$

2

- There are 35 different ways that Andy can choose a pair of shorts and a T-shirt.

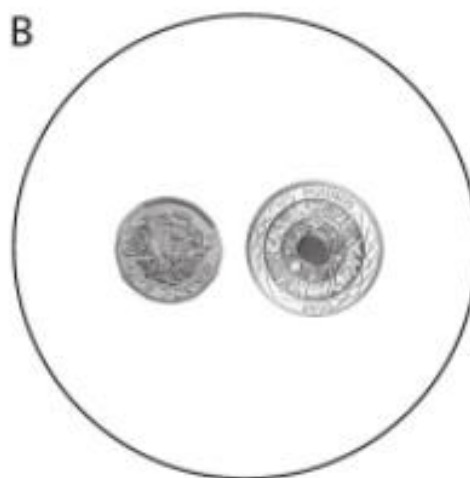
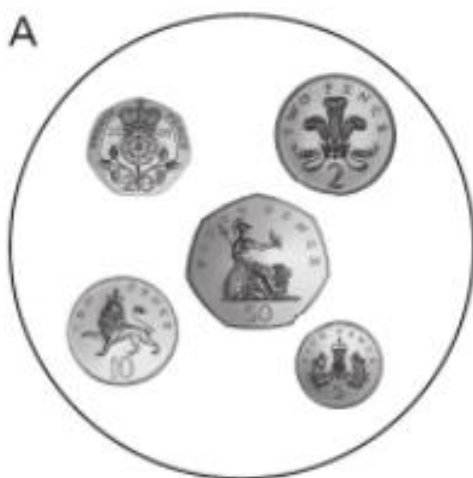
How many T-shirts does Andy have?

$$\square \times \square = 35$$

Andy has T-shirts.



- 3 Danny chooses a coin from circle A and a coin from circle B. Write down all the possible totals of coins he could get.



- 4 Jamilla has some digit cards.



- a) Show all the possible 2-digit numbers Jamilla could make.

- b) Check you have found them all by multiplying.

$$\square \times \square = \square$$

\square different 2-digit numbers can be made.

CHALLENGE

5 Reena wants to buy two different snacks from the vending machine.

How many different pairs of snacks can she buy?



Reflect

How many different ways can you choose a shirt and a tie if you own 5 shirts and 3 ties?

Explain how you got your answer.

- _____
- _____
- _____
- _____