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?

☐ × ☐ = ☐

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?

☐ × ☐ = 35

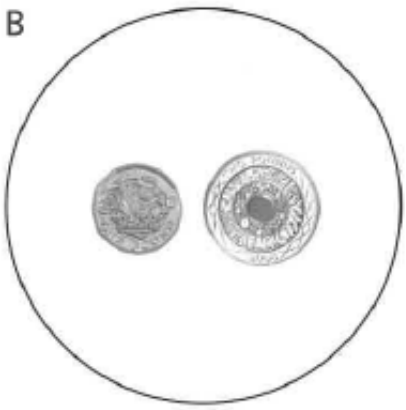
Andy has ☐ T-shirts.

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.

A

B



4 Jamilla has some digit cards.

1	2	3	4	5	6

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

b) Check you have found them all by multiplying.

☐ × ☐ = ☐

☐ different 2-digit numbers can be made.

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.