

Year 5 unit 7 Extension Activity Answers

We can find pairs of factors for a two-digit number

When we know the factors of 24 we can identify the factors of 240

The factors of 24 are 1, 2, 3, 4, 6, 8, 12 and 24

We can pair them as follows:

1 and 24

2 and 12

3 and 8

4 and 6

If we know this, then we also know that 10 and 24 are factors of 240

So are 240 and 1

10 and 24

20 and 12

120 and 2

30 and 8

80 and 3

40 and 6

60 and 4

Ask your child to write down the factors of the following:

120 = 1 and 120, 2 and 60, 3 and 40, 4 and 30, 6 and 20

360 = 1 and 360, 2 and 180, 3 and 120, 4 and 90, 6 and 60, 18 and 20, 12 and 30

480 = 1 and 480, 2 and 240, 3 and 160, 4 and 120, 6 and 80, 24 and 20, 30 and 16, 40 and 12, 60 and 8

640 = 1 and 640, 2 and 320, 4 and 160, 8 and 80, 16 and 40, 32 and 20