

## Task A

**Question 1:** Which of these digits are **factors of 28**?

2    4    6    7    8

**Question 2:** Which of these digits are **factors of 25**?

2    3    5    10

**Question 3:** Which number has **most factors**:

15    18    22

## Task B

**Question 1:** Which of these digits are **factors of 42**?

2    3    4    6    7

**Question 2:** Which of these numbers are **factors of 75**?

2    3    7    15    25

**Question 3:** Which number has **most factors**:

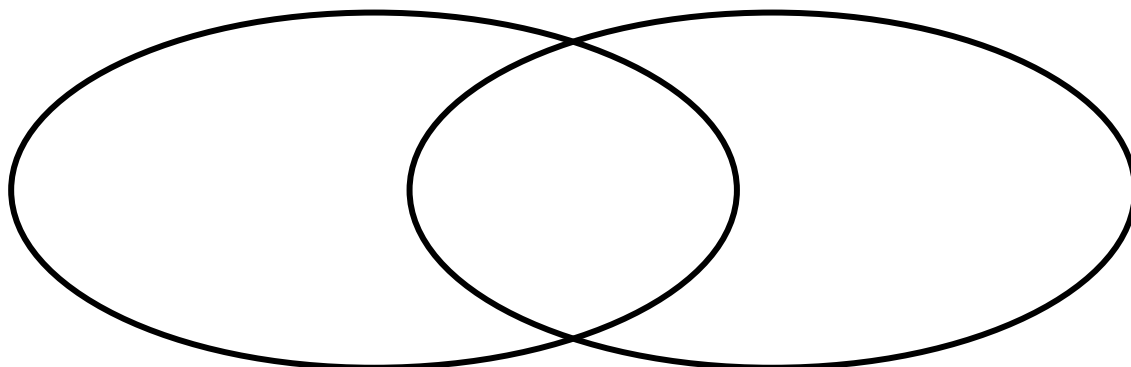
30    33    38

## Extend A

Put a number in each section of the Venn diagram.

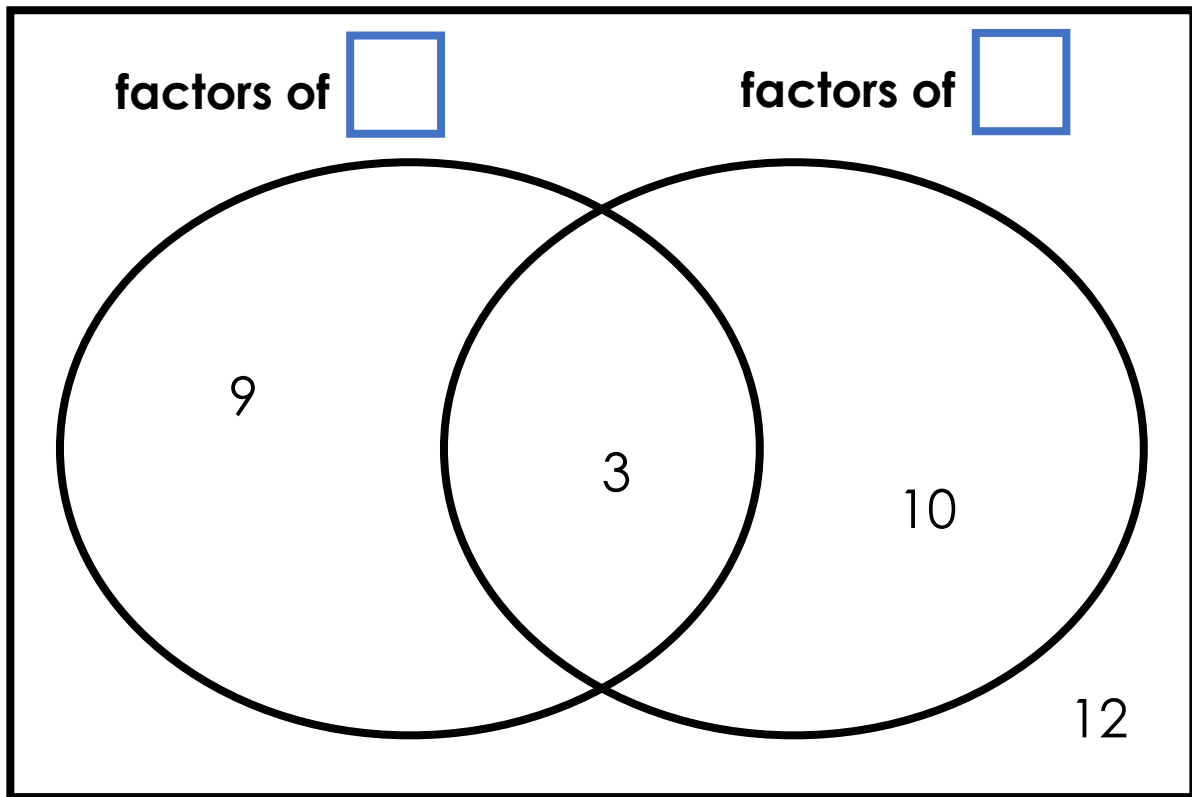
**factors of 30**

**factors of 24**



## Extend B

Complete the headings of the Venn diagram:



*Add a different number in each section.*

### Answers

**Task A:** Q1: 2, 4, 7    Q2: 5    Q3: 18 (1, 2, 3, 6, 9, 18)

**Task B:** Q1: 2, 3, 6, 7    Q2: 3, 15, 25    Q3: 30 (1, 2, 3, 5, 6, 10, 15, 30)

**Extend A:** Example answers: Left oval: 5. Right oval: 8. Middle: 3, 6. Outside: 14.

**Extend B:** Left: factors of 18. Right: factors of 30.