

Investigating Common Factors

- To solve these puzzles, you may need to make more than one list of numbers.
- Read all the clues for each puzzle before you begin.
- The boxes to the right of the clues show you how many digits the number has.

Clues

Workspace

1 Puzzle A

- Less than 30
- 3 is a factor
- 4 is a factor
- Ones digit is 2 more than the tens digit

2 Puzzle B

- Even
- Less than 60
- Shares all the factors of 15
- Product of the digits = 0

3 Puzzle C

- Less than 10
- Common factor of 15 and 18
- Not a square number

4 Puzzle D

- Common factor of 8 and 9