

## Practice Sheet Answers

### Finding common factors and multiples (mild)

The highest common factors are:

1. 12
2. 14
3. 4
4. 9
5. 12

The lowest common multiples are:

6. 10
7. 20
8. 18
9. 12
10. 8

#### Challenge

Lowest 2, 3, 4 = 12

3, 4, 5 = 60

4, 5, 6 = 60

5, 6, 7 = 210

6, 7, 8 = 168

7, 8, 9 = 504

### Finding common factors and multiples (hot)

The highest common factors are:

1. 12
2. 7
3. 4
4. 3
5. 3

The lowest common multiples are:

6. 2, 3, 5 = 30
7. 2, 4, 5 = 20
8. 3, 6, 9 = 18
9. 3, 5, 6 = 30
10. 4, 6, 8 = 24

#### Challenge

2, 3, 4, 5 = 60 and 3, 4, 5, 6 = 60 are lowest.

4, 5, 6, 7 = 420

5, 6, 7, 8 = 840

6, 7, 8, 9 = 504