# Brackets

I can explore the order of operations using brackets.

Complete these calculations using your knowledge of BODMAS.

1) 256 - 163 + 492 = _____

2) 315 ÷ 9 × 10 = _____

3) 592 + 396 + 1943 + 29 894 - 4287 = _____

4) 1959 - 2100 ÷ 6 = _____

5) 159 × 3 - (693 - 284) = _____

6) 24 000 ÷ 60 - 254 = _____

7) 693 ÷ 3 × 2 × 4 = _____

8) 5935 - 3145 - (583 + 392) = _____

Use this space for your working out jottings:

# Brackets **Answers**

| Question | Answer |
|---|---|
| Complete these calculations using your knowledge of BODMAS. | |
| 1 | 256 - 163 + 492 = **585** |
| 2 | 315 ÷ 9 × 10 = **350** |
| 3 | 592 + 396 + 1943 + 29 894 - 4287 = **28 538** |
| 4 | 1959 - 2100 ÷ 6 = **1609** |
| 5 | 159 × 3 - (693 - 284) = **68** |
| 6 | 24 000 ÷ 60 - 254 = **146** |
| 7 | 693 ÷ 3 × 2 × 4 = **1848** |
| 8 | 5935 - 3145 - (583 + 392) = **1815** |

# Brackets

I can explore the order of operations using brackets.

Complete these calculations. Add any missing brackets.

1) 9048 - 2294 + 5329 =

2) 456 ÷ 19 × 10 =

3) 2945 + 3926 + 10 443 + 392 894 - 224 487 =

4) 1959 - 1440 ÷ 18 =

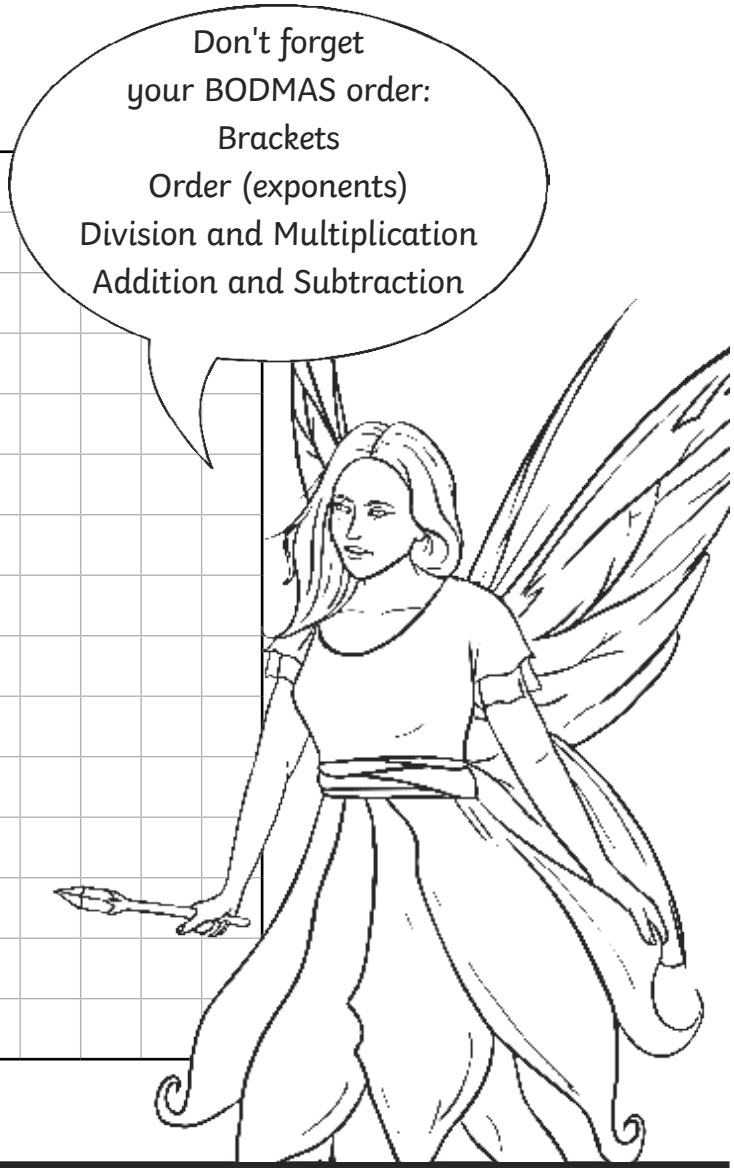
5) 245 × 4 - 1039 - 593 =

6) 29 400 ÷ 70 - 319 =

7) 1524 ÷ 6 × 2 × 2.5 =

8) 12 867 - 8767 - 1274 + 976 =

Use this space for your working out jottings:



# Brackets **Answers**

| Question | Answer |
|---|---|
| Complete these calculations. Add any missing brackets | |
| 1 | 9048 - 2294 + 5329 = *12 083* |
| 2 | 456 ÷ 19 × 10 = *240* |
| 3 | 2945 + 3926 + 10 443 + 392 894 - 224 487 = *185 721* |
| 4 | 1959 - 1440 ÷ 18 = *1879* |
| 5 | 245 × 4 - *(*1039 - 593*)* = *534* |
| 6 | 29 400 ÷ 70 - 319 = *101* |
| 7 | 1524 ÷ 6 × 2 × 2.5 = *1270* |
| 8 | 12 867 - 8767 - *(*1274 + 976*)* = *1850* |

# Brackets

I can explore the order of operations using brackets.

Charley says that none of these calculations need brackets. Is he correct? Explain how you know.

1) 1524 ÷ 6 × 2 × 2.5 = 1270

2) 29 400 ÷ 70 - 319 = 101

3) 245 × 4 - 1039 - 593 = 534

4) 1959 - 1440 ÷ 18 = 1879

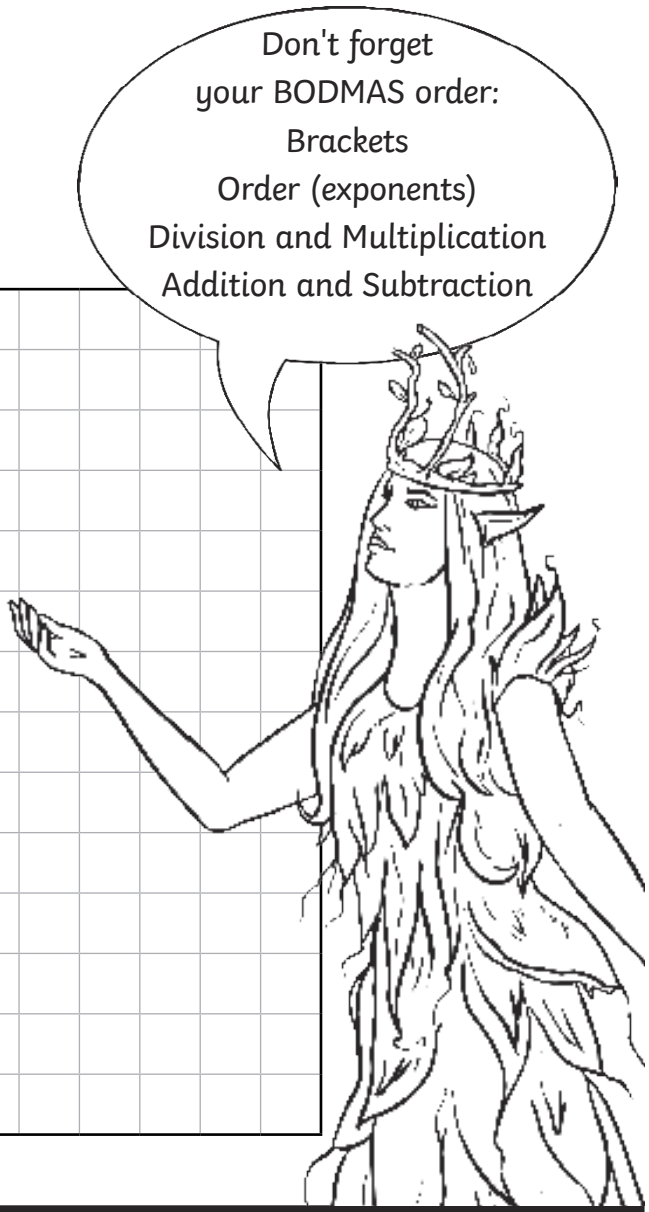
Complete these calculations using your knowledge of BODMAS.

1) 583 × 13 ÷ (2.5 × 4) = _____

2) 9294 ÷ 12 - (241.5 + 468.6) = _____

3) 6943 + 73 × 19 + 1800 ÷ 30 = _____

4) 19 495 - 19 × 20 - 392 × 12 = _____




Use this space for your working out jottings:

# Brackets **Answers**

| Question | Answer |
|---|---|
| Charley says that none of these calculations need brackets. Is he correct? Explain how you know. | |
| 1 | 1524 ÷ 6 × 2 × 2.5 = 1270 |
| 2 | 29 400 ÷ 70 - 319 = 101 |
| 3 | 245 × 4 - (1039 - 593) = 534 |
| 4 | 1959 - 1440 ÷ 18 = 1879 |
| | Charley is incorrect. Calculation 3 needs brackets around 1039 - 593 (as shown above). Without them, the answer would be a negative number as you would be subtracting 1039 and 593 from 980. |
| Complete these calculations using your knowledge of BODMAS. | |
| 1 | 583 × 13 ÷ (2.5 × 4) = **757.9** |
| 2 | 9294 ÷ 12 - (241.5 + 468.6) = **64.4** |
| 3 | 6943 + 73 × 19 + 1800 ÷ 30 = **8390** |
| 4 | 19 495 - 19 × 20 - 392 × 12 = **14 411** |