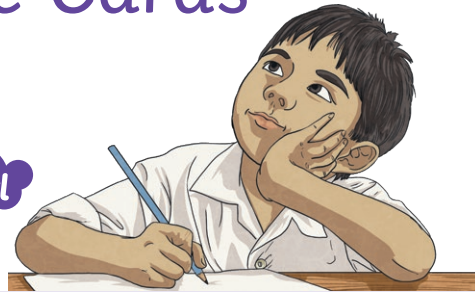


Ordering of Operations Challenge Cards



Order of Operations

1. Create a poster to remind you about the correct order to carry out mathematical operations.



Order of Operations

2. Use brackets to change the order in which the operations are carried out and to change the answer.

$$4 \times 2 + 6 - 3$$



Order of Operations

3. Use brackets to change the order in which the operations are carried out and see if you can change the answer.

$$64 \div 8 + 12 \times 4 + 3 - 2$$



Order of Operations

4. In what order, should you carry out these operations? Show each step of your working out.

$$92 - 15 \times 2 + 16 - 5 + (11 + 3) \times 2$$



Order of Operations

5. Create a multi-step mathematical equation for this question. Then solve it using BODMAS.

The number 17 bus has 25 rows of 2 seats. When it left the swimming pool, 14 of those rows were full. At its next stop 7 people left the bus, but, 4 people got on.



Order of Operations

6. If you answer the question below using BODMAS the answer is 14. Insert brackets so as to change the answer to 62.

$$50 + 16 - 12 \div 2 \times 8 - 4$$



Order of Operations

7. Create 5 mathematical equations for a friend that require them to use BODMAS.



Order of Operations

8. If you answer the question below using BODMAS the answer is 249. Change where the brackets are so as to change the answer to 653.

$$(24 + 6) \times 5 + 100 - 5 \div 5$$



Order of Operations

9. Steve and Abi went shopping. They bought 3 packets of crisps at 25p each, 5 apples at 14p each and eggs for 87p. When they got to the till, Abi remembered she had a 50p off coupon.



Create a multi-step mathematical equation for this question. Then solve it using BODMAS.

Order of Operations

10. In what order, should you carry out these operations? Show each step of your working out.

$$\sqrt{25} + 9 \times 5 + (12 - 6) - 8$$



Order of Operations

11. In what order, should you carry out these operations? Show each step of your working out.

$$63 \div 9 + \sqrt{81} + (11 \times 2) - 20$$

