

Changing the order - answers

The answers are given below:

1. $28 \times 5 \times 10$ is the same as:

$$28 \times 10 \times 5$$

$$28 \times 10 = 280$$

Instead of multiplying by 5, we can multiply by 10 and then halve the answer:

$$280 \times 10 = 2,800$$

$$2,800 \div 2 = \mathbf{1,400}$$

2. $100 \times 2 \times 19$ is the same as:

$$19 \times 2 \times 100$$

$$19 \times 2 = 38$$

$$\text{then } 38 \times 100 = \mathbf{3,800}$$

3. $17 \times 100 \times 2$ is the same as:

$$17 \times 2 \times 100$$

$$17 \times 2 = 34$$

$$\text{then } 34 \times 100 = \mathbf{3,400}$$

4. $10 \times 5 \times 11$ is the same as:

$$11 \times 5 \times 10$$

$$11 \times 5 = 55$$

$$\text{then } 55 \times 10 = \mathbf{550}$$

5. $10 \times 35 \times 2$ is the same as:

$$2 \times 35 = 70$$

$$\text{then } 70 \times 10 = \mathbf{700}$$

6. $8 \times 5 \times 2$ is the same as:

$$2 \times 5 = 10$$

$$\text{then } 10 \times 8 = \mathbf{80}$$

7. $10 \times 6 \times 9$ is the same as:

$$6 \times 9 = 54$$

$$\text{then } 54 \times 10 = \mathbf{540}$$