

Q4 (Calculation-Estimation) Day 168 **Name:** _____

1. A pupil wants to work out the **exact** value of

$$12 \times 9 \div 4$$

The pupil **estimates** the answer by calculating

$$10 \times 10 \div 5$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

2. A pupil wants to work out the **exact** value of

$$15 \times 12 \div 9$$

The pupil **estimates** the answer by calculating

$$15 \times 10 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

3. A pupil wants to work out the **exact** value of

$$28 \times 6 \div 3$$

The pupil **estimates** the answer by calculating

$$30 \times 5 \div 3$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

4. A pupil wants to work out the **exact** value of

$$25 \times 16 \div 20$$

The pupil **estimates** the answer by calculating

$$20 \times 20 \div 20$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

5. A pupil wants to work out the **exact** value of

$$32 \times 14 \div 8$$

The pupil **estimates** the answer by calculating

$$30 \times 10 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

6. A pupil wants to work out the **exact** value of

$$28 \times 12 \div 6$$

The pupil **estimates** the answer by calculating

$$30 \times 10 \div 5$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

7. A pupil wants to work out the **exact** value of

$$21 \times 18 \div 9$$

The pupil **estimates** the answer by calculating

$$20 \times 20 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

8. A pupil wants to work out the **exact** value of

$$24 \times 36 \div 12$$

The pupil **estimates** the answer by calculating

$$20 \times 40 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

9. A pupil wants to work out the **exact** value of

$$33 \times 55 \div 11$$

The pupil **estimates** the answer by calculating

$$30 \times 50 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

10. A pupil wants to work out the **exact** value of

$$21 \times 35 \div 7$$

The pupil **estimates** the answer by calculating

$$20 \times 40 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

11. A pupil wants to work out the **exact** value of

$$26 \times 39 \div 13$$

The pupil **estimates** the answer by calculating

$$30 \times 40 \div 10$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

12. A pupil wants to work out the **exact** value of

$$45 \times 45 \div 15$$

The pupil **estimates** the answer by calculating

$$50 \times 50 \div 20$$

How much **larger** or **smaller** is the pupils estimate than the **exact** value? Write your answer in the space below.

Answers

1. 7
2. 5
3. 6
4. 0
5. 26
6. 4
7. 2
8. 8
9. 15
- 10.25
- 11.42
- 12.10