

31.3.2020

Multiply and Divide decimals
by 10 and 100

Multiplication Rule

x10 - Move one place left and add one 0

x100 - Move 2 places left and add two 0

Division Rule

÷10 - Move one place right

÷100 - Move 2 places right

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1. $63 \times 1000 =$

2. $4.3 \times 100 =$

3. $1.2 \div 10 =$

4. $13,435 \div 100 =$

5. $12.6 \times 100 =$

6. $0.13 \times 10 =$

7. $0.045 \times 10 =$

8. $15,160 \div 1000 =$

9. $34,678 \div 100 =$

Task 2

Write the missing numbers.

1. $5.87 \times \square = 58.7$

4. $44.7 \div \square = 4.47$

8. $16.6 \div \square = 0.166$

2. $84.6 \div \square = 0.846$

5. $687 \times \square = 68\,700$

9. $58.7 \times \square = 587$

3. $43.7 \times \square = 437$

6. $8.46 \div \square = 0.846$

10. $846 \div \square = 8.46$

7. $13.7 \times \square = 1\,370$

1. St Laurence Primary school is having a fun run. Each child in year 5 runs 100 laps of the field. If each lap is 0.34km how far does each child run?
2. Burgers come in packs of 10. The cost of 10 burgers is £3.45. How much does 1 burger cost?
3. If 100 wooden beads weigh 4.36kg, how much does each wooden bead weigh?

TTRS challenge.