

### Challenge 1 23.11.20

a)  $13.44 \times 10 =$

a)  $16 \div 10 =$

b)  $41.4 \times 100 =$

b)  $43.4 \div 100 =$

c)  $0.415 \times 1,000 =$

c)  $614 \div 1,000 =$

d)  $4.4 \times$    $= 4,400$

d)  $332 \div$    $= 0.332$

e)   $= 1.03 \times 100$

e)  $2.4 \div 200 =$

### Challenge 2 23.11.20

Write  $>$ ,  $<$  or  $=$  to compare the number sentences.

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$1.4 \times 10 \times 10 \times 10$    $1.4 \times 1,000$

$5,400 \div 10 \div 10 \div 10$    $5,400 \div 1,000$

$1.4 \times 10 \times 100$    $1.4 \times 1,000$

$60 \div 100 \div 10$    $600 \div 100$

$1.4 \times 10 \times 10$    $1.4 \times 1,000$

$5.7 \div 10$    $57 \div 100$

$1.4 \times 10 \times 2$    $1.4 \times 100$

$5,601 \div 1,000$    $5,601 \div 10$

### Challenge 3 23.11.20

1)

When you divide by 10, 100 or 1,000 you just take away the zeros or move the decimal point.



Do you agree? Explain your answer.

2)

When you multiply by 100, you should add two zeros.



Do you agree? Explain your answer.

Use the cards to complete the calculation.

3)

You can use each card more than once.



$0.002$      $= 2,000$

How many ways is it possible to complete this calculation?

