

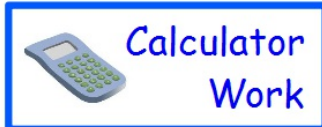
I can use a calculator to solve questions with decimals

Calculators and Decimals

CE means clear the last entry (but not the whole sum)

CM or C means clear everything and start again

I can use a calculator to solve questions with decimals



Calculators and Decimals

Quickly work out the answers to these and write the answers on your whiteboards:

1. 0.5×10

2. 20×0.75

3. $1 \div 10$

4. 0.25×40

5. $36 \div 10$

6. 1000×0.01

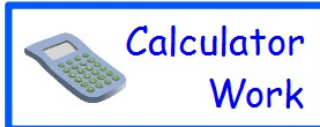
7. 5×0.2

8. 200×0.02

9. $10 \div 0.1$

10. 100×0.5

I can use a calculator to solve questions with decimals



Calculators and Decimals

Quickly work out the answers to these and write the answers on your whiteboards:

1. 0.5×10 5

2. 20×0.75 15

3. $1 \div 10$ 0.1

4. 0.25×40 10

5. $36 \div 10$ 3.6

6. 1000×0.01 10

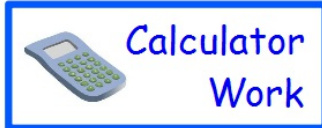
7. 5×0.2 1

8. 200×0.02 4

9. $10 \div 0.1$ 100

10. 100×0.5 50

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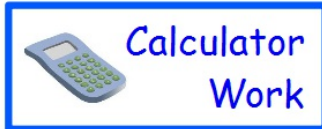
Calculators and Decimals

Use a calculator to show 3 examples that match each statement:

Example: **Multiplying by 0.5 is the same as $\div 2$**

Number:	Multiply by 0.5	$\div 2$
10	$10 \times 0.5 = 5$	$10 \div 2 = 5$
20		
45		

I can use a calculator to solve questions with decimals



Calculators and Decimals

Use a calculator to show 3 examples that match each statement:

Example: **Multiplying by 0.5 is the same as $\div 2$**

Number:	Multiply by 0.5	$\div 2$
10	$10 \times 0.5 = 5$	$10 \div 2 = 5$
20	$20 \times 0.5 = 10$	$20 \div 2 = 10$
45	$45 \times 0.5 = 22.5$	$45 \div 2 = 22.5$

I can use a calculator to solve questions with decimals



Calculators and Decimals



Multiplying by 0.5 is the same as $\div 2$

Number:	Multiply by 0.5	$\div 2$
10	$10 \times 0.5 = 5$	$10 \div 2 = 5$
20	$20 \times 0.5 = 10$	$20 \div 2 = 10$
45	$45 \times 0.5 = 22.5$	$45 \div 2 = 22.5$

Use a calculator to show 3 examples that match each statement:

1. Dividing a number by 10 = multiplying by 0.1
2. Dividing a number by 0.25 = multiplying by 4
3. Multiplying by 0.01 = dividing by 100
4. Multiplying by 50 = Multiplying by 10 then 5
5. Multiplying by 0.001 = Dividing by 1000
6. Dividing by 0.05 = Multiplying by 20

7. To find 1% of a number, divide by 100
8. To find 30% of a number, divide by 100, times by 30
9. To find 2% of a number, divide by 100, times by 2
10. To find 10% of a number, divide by 10.

Extension:

Can you think of any other rules?

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Calculators and Decimals



Plenary:

The product of 2 decimals is smaller than either number.

The square of a decimal is smaller than that number.