

## STEP 9

### FORMAL METHODS DIVIDE INTEGERS

Find the missing numbers in these calculations:

$$1) \begin{array}{r} 06\ 88 \\ 6 \overline{)23^52^48} \end{array}$$

$$2) \begin{array}{r} 04\ 06 \\ 3 \overline{)12^18} \end{array}$$

$$3) \begin{array}{r} 873 \\ 9\ 7^865^36 \\ 78 \div 9 = 8 \text{ r } 6 \end{array}$$

Rules for division  
Fill in the rules for:

$\div 2$  ends in 0, 2, 4,  
6 or 8

$\div 3$  all the digits  
add to a number  $\div 3$

$\div 6$  if  $\div 2$  and  $\div 3$   
then it is  $\div 6$

## STEP 10

### FORMAL METHODS DIVIDE DECIMALS

$$1) 8.46 \div 2$$

$$4.23$$

$$2 \overline{)8.46}$$

$$2) 14.21 \div 7$$

$$02.03$$

$$7 \overline{)14.21}$$

$$3) 5.2 \div 2$$

$$\begin{array}{r} 2.6 \\ 2 \overline{)5.2} \end{array}$$

$$4) 6.39 \div 3$$

$$\begin{array}{r} 2.13 \\ 3 \overline{)6.39} \end{array}$$

$$5) 82.468 \div 4$$

$$\begin{array}{r} 20.617 \\ 4 \overline{)82.468} \end{array}$$

## STEP 11

### ORDER OF OPERATIONS

For each calculation, highlight which step you complete first, then calculate

$$1) 7 - 2 \times 5 = -3$$

↳ an example!

$$6) (7 \times 2) - (8 \div 2) = 10$$

$$2) 5 \times 10 - 2 = 8$$

$$7) (15 - 2^2) \times \frac{8}{2} = 44$$

$$3) (7 \times 2) - 7 = 7$$

$$8) \frac{10}{2} \times (7 - 3^2) = -10$$

$$4) 3^2 + 2 \times 8 = 25$$

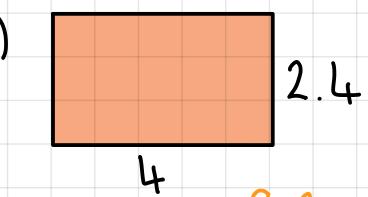
$$5) 16 \div 2 + 2^2 = 12$$

$$9) (7^2 + 1) - (8 \div 2 - 1) = 47$$

## STEP 12

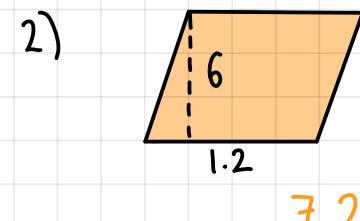
### AREA OF RECTANGLES & PARALLELOGRAMS

Find the area of these shapes:



3)

$$9 \times 0.2 = 1.8 \text{ m}^2$$



4)

$$8 \times 2.1 = 16.8$$