

14.1.21

Arithmetic

1.  $1,252 \div 4$

4.  $3,451 + 872$

2.  $3,434 - 1,282$

5.  $541 + 2,781$

3.  $34 \times 22$

6.  $1^3$

FB4

Flashback 4

Year 6 | Week 2 | Day 1



- 1) What is  $950 \div 100$ ?
- 2) Multiply 716 by 10
- 3) Work out  $\frac{3}{4} - \frac{1}{6}$
- 4) What number is 100 more than 76,309?



Barvember

BARVEMBER

Thursday 22 November 2018



- 1 Jo buys 2 packs of bread rolls.



She eats 3 of the rolls.  
How many rolls does she have left?

- 2 Ahmed is 12 kg heavier than Beth.  
Beth is 6 kg lighter than Chris.  
Chris weighs 52 kg.  
How much does Ahmed weigh?

Barvember

BARVEMBER

Thursday 22 November 2018



- 3 Children attend a club once a week.  
 $\frac{1}{5}$  of the children are boys.  
There are 48 more girls in the club than boys.  
How many boys are in the club?

Boys

Girls

- 4 Ellie reads a book.

- On Monday she reads  $\frac{1}{5}$  of the book.
- On Tuesday she reads 32 pages.
- On Wednesday she reads  $\frac{1}{4}$  of the remaining pages.
- On Thursday she reads the final 18 pages.

How many pages does the book contain?

Monday

14.1.21 Dividing decimals by integers

Vocabulary

- divide
- place value
- column
- division
- decimal point
- zero
- integer

14.1.21 Dividing decimals by integers

Today we are learning to divide decimals by integers.

I will be successful if:

- I line up the decimal point.
- I check my calculations.
- I carry over any remainders.

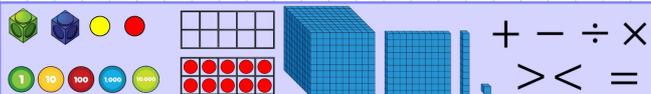
dividend                  divisor

$24.5 \div 5 = 4.9$  quotient

Some key vocabulary

$5 \overline{) 24.5}$

$04.9$



Let's show how to solve the question

1. How many 5s in 2? 0

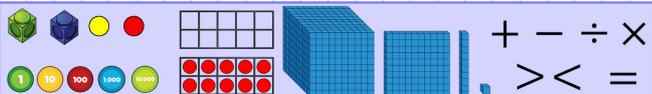
2. Carry the 2

$5 \overline{) 24.5}$

3. How many 5s in 24? 4 remainder 4

4. Line up the decimal point.

5. How many 5s in 45? 9



White  
Rose  
Maths

$$5 \overline{) 1.4} \begin{array}{r} 0.2 \\ \underline{1.4} \\ 0 \end{array}$$

What happens next as there is still 4 left over?

For the moment we can record r(remainder)2

The interface includes a toolbar with base ten blocks (1, 10, 100, 1000, 10000), a grid, a calculator keypad with symbols for addition, subtraction, multiplication, division, greater than, less than, and equals, and a display area.

### 14.1.21 Dividing decimals by integers

Complete A, B or C

- | A                 | B                   | C                   |
|-------------------|---------------------|---------------------|
| 1. $6.3 \div 3$   | 1. $9.6 \div 4$     | 1. $9.5 \div 4$     |
| 2. $8.4 \div 4$   | 2. $7.2 \div 3$     | 2. $7.7 \div 3$     |
| 3. $6.4 \div 2$   | 3. $5.72 \div 4$    | 3. $7.39 \div 6$    |
| 4. $6.93 \div 3$  | 4. $7.26 \div 6$    | 4. $6.53 \div 4$    |
| 5. $8.84 \div 4$  | 5. $7.57 \div 5$    | 5. $18.6 \div 12$   |
| 6. $7.24 \div 2$  | 6. $7.39 \div 6$    | 6. $19.94 \div 11$  |
| 7. $4.26 \div 3$  | 7. $6.53 \div 4$    | 7. $14.27 \div 12$  |
| 8. $5.72 \div 4$  | 8. $18.6 \div 12$   | 8. $36.25 \div 14$  |
| 9. $7.26 \div 6$  | 9. $19.94 \div 11$  | 9. $47.36 \div 15$  |
| 10. $7.57 \div 5$ | 10. $14.27 \div 12$ | 10. $15.27 \div 13$ |
| 11. $7.39 \div 6$ | 11. $36.25 \div 14$ | 11. $29.29 \div 24$ |
| 12. $6.53 \div 4$ | 12. $47.36 \div 15$ | 12. $37.14 \div 26$ |

14.1.21

Plenary

True or False ? Divide decimals by integers

The decimal point in the quotient should be in line with the decimal point in the dividend.

(See the previous slides, if you can't remember what these terms mean.)

White  
Rose  
Maths