

Today you will need:

- A pencil
- A ruler
- Your paper or workbook
- A coloured pencil

25/02/2021

Dividing fractions

$$\frac{5}{6} \div 7 =$$

$$3\frac{2}{3} \div \frac{1}{4} =$$

Natalie is baking cupcakes. Each cupcake needs $\frac{1}{2}$ a cup of sugar. How many cupcakes can she make if she has $7\frac{1}{3}$ cups of sugar?

There were 15 people and $5\frac{1}{2}$ pies. Everyone decided that the fairest thing would be to share the pies out equally. What fraction of a pie does each person receive?

B2

1. $\frac{1}{2} + 5 = \underline{\hspace{2cm}}$

2. $\frac{1}{3} + 7 = \underline{\hspace{2cm}}$

3. $\frac{1}{5} + 3 = \underline{\hspace{2cm}}$

4. $\frac{1}{4} + 4 = \underline{\hspace{2cm}}$

5. $\frac{1}{6} + 8 = \underline{\hspace{2cm}}$

6. $\frac{1}{8} + 2 = \underline{\hspace{2cm}}$

7. $\frac{1}{6} + 5 = \underline{\hspace{2cm}}$

8. $\frac{1}{4} + 9 = \underline{\hspace{2cm}}$

9. $\frac{1}{2} + 4 = \underline{\hspace{2cm}}$

10. $\frac{1}{3} + 6 = \underline{\hspace{2cm}}$

B2

$$1. \frac{1}{2} + 5 = \frac{1}{10}$$

$$2. \frac{1}{3} + 7 = \frac{1}{21}$$

$$3. \frac{1}{5} + 3 = \frac{1}{15}$$

$$4. \frac{1}{4} + 4 = \frac{1}{16}$$

$$5. \frac{1}{6} + 8 = \frac{1}{48}$$

$$6. \frac{1}{8} + 2 = \frac{1}{16}$$

$$7. \frac{1}{6} + 5 = \frac{1}{30}$$

$$8. \frac{1}{4} + 9 = \frac{1}{36}$$

$$9. \frac{1}{2} + 4 = \frac{1}{8}$$

$$10. \frac{1}{3} + 6 = \frac{1}{18}$$

B1

Nick is buying skirting board for his games room. His room is $4\frac{1}{2}$ m long. Each piece of skirting board is $\frac{2}{5}$ m long. How many whole pieces of skirting board does he need to cover the length of the games room?

The product of two numbers is 18. If one number is $8\frac{2}{5}$, find the other number.

If the area of a rectangle is 42cm^2 and its length is $\frac{2}{5}$ cm, what is its width?

B1

6. Nick is buying skirting board for his games room. His room is $4\frac{1}{2}$ m long. Each piece of skirting board is $\frac{2}{5}$ m long. How many whole pieces of skirting board does he need to cover the length of the games room?

$11\frac{1}{4}$ pieces so 12 whole pieces.

7. The product of two numbers is 18. If one number is $8\frac{2}{5}$, find the other number.

$2\frac{1}{7}$

8. If the area of a rectangle is 42cm^2 and its length is $\frac{2}{5}$ cm, what is its width?

105cm