

Year —Revision 17—solving multi-step problems

4 bananas cost the same as 5 apples.

1 banana costs 85p.

How much does 1 apple cost?

$$4 \times 85 = 340$$

$$340 \div 5 = 68$$

$$1 \text{ apple} = 68\text{p}$$



Mary uses coloured beads to make small and large pictures.

Each large picture needs 55 beads. Each small picture needs 32 beads.

Mary makes 15 large and 8 small pictures. How many beads does she need altogether?

$$55 \times 15 = 825$$

$$32 \times 8 = 256$$

$$825 + 256 = 1081$$



Year —Revision 17—solving multi-step problems

5 friends order some pizza.

A large pizza costs £10.90 and a small pizza costs £8.50.

They order 2 large and 2 small pizzas and split the cost equally.

How much do they each pay?

$$10.90 \times 2 = 21.80$$

$$8.50 \times 2 = 17.00$$

$$21.80 + 17.00 = 38.80$$

$$38.80 \div 5 = £7.76$$

They pay £7.76 each



A box contains trays of apples.

There are 4 trays in a box.

There are 18 apples in each tray.

How many apples are there in 8 boxes?

$$18 \times 4 = 72$$

$$72 \times 8 = 576$$

There are 576 apples in 8 boxes



Year —Revision 17—solving multi-step problems

Mark, Bill, Frank and Fred are delivering leaflets. They have 3000 leaflets to deliver.

Mark and Bill deliver 650 each. Frank and Fred share what's left equally.

How many does Frank deliver?

$$650 \times 2 = 1300$$

$$3000 - 1300 = 1700$$

$$1700 \div 2 = 850$$

Frank delivers 850



6 people pay £15 each to be a member of a craft club.

This money is used to buy each member a metre of material, 4 sewing needle and a craft bag.

A metre of material costs £3.50.

A box of 8 sewing needles cost £2.10.

A craft bag costs £5.

How much money does the club have left over?

$$6 \times 15 = 90$$

$$6 \times 3.50 = 21$$

$$3 \times 2.10 = 6.30$$

$$6 \times 5 = 30$$

$$21 + 6.3 + 30 = 57.30$$

$$90.00 - 57.30 = 32.70$$



Year —Revision 18—Simplifying fractions

Circle all the fractions that can't be simplified.

$$\frac{6}{15}$$

$$\frac{3}{7}$$

$$\frac{9}{12}$$

$$\frac{4}{9}$$

$$\frac{1}{2}$$

$$\frac{8}{6}$$

$$\frac{9}{21}$$

$$\frac{5}{13}$$

Write each fraction in its most simplified form.

$$\frac{8}{64}$$

$$\frac{1}{8}$$

$$\frac{9}{36}$$

$$\frac{1}{4}$$

$$\frac{7}{21}$$

$$\frac{1}{3}$$

$$\frac{10}{15}$$

$$\frac{2}{3}$$

$$\frac{18}{24}$$

$$\frac{3}{4}$$

$$\frac{24}{48}$$

$$\frac{1}{2}$$

Match each fraction to its simplified form. Which one is the odd one out?

The image shows 15 fractions in boxes, with red lines connecting them to their simplified forms. The fractions and their connections are as follows:

- $\frac{1}{7}$ connects to $\frac{1}{13}$
- $\frac{6}{13}$ connects to $\frac{2}{3}$
- $\frac{4}{8}$ connects to $\frac{1}{2}$
- $\frac{3}{5}$ connects to $\frac{6}{42}$
- $\frac{10}{15}$ connects to $\frac{2}{3}$
- $\frac{15}{25}$ connects to $\frac{3}{5}$
- $\frac{14}{18}$ connects to $\frac{7}{9}$
- $\frac{18}{39}$ connects to $\frac{6}{13}$
- $\frac{1}{9}$ is circled in red as the odd one out.

Year —Revision 19—comparing fractions

Circle the largest fraction in each pair.

$$\frac{18}{24}$$

$$\frac{1}{4}$$

$$\frac{2}{5}$$

$$\frac{9}{15}$$

$$\frac{6}{9}$$

$$\frac{5}{7}$$

$$\frac{1}{3}$$

$$\frac{3}{8}$$

Circle the smallest fraction in each pair

$$\frac{2}{5}$$

$$\frac{1}{10}$$

$$\frac{6}{12}$$

$$\frac{3}{24}$$

$$\frac{4}{5}$$

$$\frac{6}{8}$$

$$\frac{2}{3}$$

$$\frac{5}{12}$$

Solve each of the problems

Lucy ate $\frac{2}{3}$ of a pizza and Max ate $\frac{5}{18}$.

Who ate the most and by how much?

Lucy ate the most by $\frac{7}{18}$

Ryan scored $\frac{18}{24}$ on a test. Milly scored $\frac{2}{3}$. Who scored the most and by how many?

Ryan scored the most by $\frac{2}{24}$

Tom ran $\frac{1}{7}$ of a mile. Laura ran $\frac{2}{3}$. Who ran furthest and by how much?

Laura ran the most by $\frac{11}{21}$

Year —Revision 20 ordering fractions

Put the fractions in order starting with the smallest.

$$\frac{18}{24} \quad \frac{1}{6} \quad \frac{5}{12}$$

$$\frac{1}{6} \quad \frac{5}{12} \quad \frac{18}{24}$$

$$\frac{3}{7} \quad \frac{9}{14} \quad \frac{21}{42}$$

$$\frac{3}{7} \quad \frac{21}{42} \quad \frac{9}{14}$$

$$\frac{5}{9} \quad \frac{18}{36} \quad \frac{12}{18}$$

$$\frac{18}{36} \quad \frac{5}{9} \quad \frac{12}{18}$$

Year —Revision 20 ordering fractions

Put the fractions in order starting with the largest

$$\frac{\boxed{7}}{\boxed{8}} \quad \frac{\boxed{2}}{\boxed{6}} \quad \frac{\boxed{9}}{\boxed{12}}$$

$$\frac{\boxed{7}}{\boxed{8}} \quad \frac{\boxed{9}}{\boxed{12}} \quad \frac{\boxed{2}}{\boxed{6}}$$

$$\frac{\boxed{6}}{\boxed{5}} \quad \frac{\boxed{10}}{\boxed{15}} \quad \frac{\boxed{2}}{\boxed{5}}$$

$$\frac{\boxed{6}}{\boxed{5}} \quad \frac{\boxed{10}}{\boxed{15}} \quad \frac{\boxed{2}}{\boxed{5}}$$

$$\frac{\boxed{5}}{\boxed{7}} \quad \frac{\boxed{9}}{\boxed{7}} \quad \frac{\boxed{3}}{\boxed{5}}$$

$$\frac{\boxed{9}}{\boxed{7}} \quad \frac{\boxed{5}}{\boxed{7}} \quad \frac{\boxed{3}}{\boxed{5}}$$

Solve the problems

Max, Lucy and Tom ordered pizza.

Max ate $\frac{1}{2}$.

Lucy ate $\frac{10}{18}$

Tom ate $\frac{3}{9}$.

Who ate the most and by how much?

Lucy ate the most she ate $\frac{1}{18}$ more than Max

Phil, Pete and Paul ran a mile.

Phil completed $\frac{3}{8}$

Pete completed $\frac{1}{3}$

Paul completed $\frac{10}{24}$.

Who ran the furthest and by how much?

Paul ran the most. He ran $\frac{1}{24}$ more than Phil