

Fractions of an amount homework due in 4th February

Method: take the whole number, divide it by the denominator then multiply the answer by the numerator.

For example, $\frac{1}{4}$ of 20 would be $20 \div 4 = 5$ then $5 \times 1 = 5$

Or $\frac{3}{4}$ of 40 would be $40 \div 4 = 10$ then $10 \times 3 = 30$

If you are stuck come and see me



Would You Rather...?

Calculate the amount in each choice and then select the largest amount.
Use fraction bars or calculations to help you to work out your answers.

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|-------------------------|----------------------|-----------------------|-----------------------|
| 1. Would you rather...? | $\frac{1}{4}$ of £4 | $\frac{1}{2}$ of £8 | $\frac{1}{3}$ of £6 |
| 2. Would you rather...? | $\frac{1}{4}$ of £8 | $\frac{1}{2}$ of £4 | $\frac{1}{3}$ of £9 |
| 3. Would you rather...? | $\frac{2}{3}$ of £36 | $\frac{3}{4}$ of £36 | $\frac{1}{5}$ of £55 |
| 4. Would you rather...? | $\frac{2}{5}$ of £35 | $\frac{1}{8}$ of £96 | $\frac{3}{6}$ of £30 |
| 5. Would you rather...? | $\frac{4}{5}$ of £25 | $\frac{2}{3}$ of £27 | $\frac{3}{10}$ of £60 |
| 6. Would you rather...? | $\frac{3}{8}$ of £48 | $\frac{3}{4}$ of £44 | $\frac{5}{9}$ of £45 |
| 7. Would you rather...? | $\frac{2}{6}$ of £54 | $\frac{3}{7}$ of £49 | $\frac{4}{12}$ of £60 |
| 8. Would you rather...? | $\frac{5}{6}$ of £72 | $\frac{8}{10}$ of £70 | $\frac{7}{9}$ of £72 |

1. Would you rather...? $\frac{1}{4}$ of £4 = **£1** $\frac{1}{2}$ of £8 = **£4** $\frac{1}{3}$ of £6 = **£2**
2. Would you rather...? $\frac{1}{4}$ of £8 = **£2** $\frac{1}{2}$ of £4 = **£2** $\frac{1}{3}$ of £9 = **£3**
3. Would you rather...? $\frac{2}{3}$ of £36 = **£24** $\frac{3}{4}$ of £36 = **£27** $\frac{1}{5}$ of £55 = **£11**
4. Would you rather...? $\frac{2}{5}$ of £35 = **£14** $\frac{1}{8}$ of £96 = **£12** $\frac{3}{6}$ of £30 = **£15**
5. Would you rather...? $\frac{4}{5}$ of £25 = **£20** $\frac{2}{3}$ of £27 = **£18** $\frac{3}{10}$ of £60 = **£18**
6. Would you rather...? $\frac{3}{8}$ of £48 = **£18** $\frac{3}{4}$ of £44 = **£33** $\frac{5}{9}$ of £45 = **£25**
7. Would you rather...? $\frac{2}{6}$ of £54 = **£18** $\frac{3}{7}$ of £49 = **£21** $\frac{4}{12}$ of £60 = **£20**
8. Would you rather...? $\frac{5}{6}$ of £72 = **£60** $\frac{8}{10}$ of £70 = **£56** $\frac{7}{9}$ of £72 = **£56**