

Feedback from 2019 Specimen Set A

- 1 Fred needs 50g of sugar to make 10 biscuits.

He also needs

three times as much flour as sugar

two times as much butter as sugar

Fred is going to make 60 biscuits.

- a) Work out the amount of flour he needs.

Fred has to buy all the butter he needs to make 60 biscuits.

He buys it in 250g packs.

- b) If butter costs £3.75 for a pack of butter, how much does the butter cost?

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- 2 Tania needs 77g of sugar to make 7 biscuits.

She also needs

four times as much flour as sugar

three times as much butter as sugar

Tania is going to make 84 biscuits.

- a) Work out the amount of flour she needs.

Tania has to buy all the butter he needs to make 84 biscuits.

He buys it in 250g packs.

- b) If butter costs £3.25 for a pack of butter, how much does the butter cost?

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- 3 Alfie needs 55g of sugar to make 5 biscuits.

He also needs

five times as much flour as sugar

twice times as much butter as sugar

Alfie is going to make 90 biscuits.

- a) Work out the amount of flour she needs.

Alfie has to buy all the butter he needs to make 90 biscuits.

He buys it in 250g packs.

- b) If butter costs £3.25 for a pack of butter, how much does the butter cost?

4 Liam needs 80g of sugar to make 20 biscuits.

He also needs

four times as much flour as sugar  
twice times as much butter as sugar

Liam is going to make 140 biscuits.

a) Work out the amount of flour he needs.

Liam has to buy all the butter he needs to make 140 biscuits.

He buys it in 250g packs.

b) If butter costs £3.75 for a pack of butter, how much does the butter cost?

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5 Rose needs 64g of sugar to make 8 biscuits.

She also needs

four times as much flour as sugar  
three times as much butter as sugar

Rose is going to make 120 biscuits.

a) Work out the amount of flour she needs.

Rose has to buy all the butter he needs to make 120 biscuits.

She buys it in 250g packs.

b) If butter costs £3.15 for a pack of butter, how much does the butter cost?

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6 Henry needs 108g of sugar to make 9 biscuits.

He also needs

four times as much flour as sugar  
three times as much butter as sugar

Henry is going to make 180 biscuits.

a) Work out the amount of flour he needs.

Henry has to buy all the butter he needs to make 180 biscuits.

He buys it in 250g packs.

b) If butter costs £3.45 for a pack of butter, how much does the butter cost?

$$7 - + - =$$

$$8 \frac{2}{3} + \frac{1}{4} =$$

$$9 \frac{5}{6} + \frac{3}{4} =$$

$$10 \frac{7}{8} + \frac{3}{5} =$$

$$11 \frac{8}{9} + \frac{3}{5} =$$

$$12 \frac{5}{7} + \frac{6}{10} =$$

$$13 \frac{6}{12} + \frac{3}{4} =$$

$$14 \frac{4}{5} + \frac{2}{3} =$$

$$15 \frac{8}{15} + \frac{4}{5} =$$

$$16 \frac{8}{9} + \frac{3}{4} =$$

$$17 \frac{4}{8} + \frac{5}{8} =$$

$$18 \frac{5}{7} - \frac{3}{9} =$$

$$19 \frac{5}{9} - \frac{1}{6} =$$

$$20 \frac{5}{11} - \frac{3}{14} =$$

$$21 \frac{5}{6} - \frac{2}{9} =$$

$$22 \frac{3}{4} - \frac{2}{7} =$$

$$23 \frac{3}{7} - \frac{1}{6} =$$

$$24 \frac{5}{6} - \frac{3}{5} =$$

$$25 \frac{8}{9} - \frac{5}{6} =$$

$$26 \frac{3}{6} - \frac{2}{7} =$$

$$27 \frac{18}{25} - \frac{11}{30} =$$

$$28\frac{6}{8} + \frac{2}{3} =$$

$$29\frac{6}{8} - \frac{2}{7} =$$

$$30\frac{9}{10} \times \frac{5}{15} =$$

$$31\frac{25}{27} \times \frac{18}{35} =$$

$$32\frac{6}{7} + \frac{11}{12} =$$

$$33\frac{13}{15} \div \frac{24}{30} =$$

$$34\frac{5}{6} \div \frac{7}{8} =$$

$$35\frac{8}{11} \times \frac{12}{16} =$$

$$36\frac{6}{7} \div \frac{4}{5} =$$

$$37\frac{5}{6} + \frac{13}{15} =$$

$$38\frac{3}{16} + \frac{5}{15} =$$

$$39\frac{6}{7} + \frac{3}{11} =$$

$$40\frac{3}{11} - \frac{1}{13} =$$

$$41\frac{6}{20} \times \frac{7}{30} =$$

$$42\frac{5}{9} \div \frac{15}{21} =$$

$$43\frac{8}{15} \times \frac{8}{9} =$$

$$44\frac{8}{15} \div \frac{8}{9} =$$

$$45\frac{5}{12} + \frac{6}{25} =$$

$$46\frac{5}{8} - \frac{2}{7} =$$