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Mini topic test – mixed numbers, proportions and problem solving

1. Calculate: $5\frac{4}{5}-2\frac{3}{8}=$
2. Calculate: $4\frac{5}{6}×3\frac{2}{7}=$
3. What is $5\frac{3}{4}÷\frac{1}{4}$?
4. Margaret and Tim start a window cleaning business and agree to share the profits in the ratio 7:4. If they make £5082 in a month, how much do they each get?
5. Jim did a maths test and scored 21 out of 30. Kelly did a different test and scored 16 out of 24. Who got the largest proportion correct?

Mini topic test – mixed numbers, proportions and problem solving SOLUTIONS

1. Calculate: $5\frac{4}{5}-2\frac{3}{8}=3\frac{17}{40}$
2. Calculate: $4\frac{5}{6}×3\frac{2}{7}=15\frac{37}{42}$
3. What is $5\frac{3}{4}÷\frac{1}{4}$? **23**
4. Margaret and Tim start a window cleaning business and agree to share the profits in the ratio 7:4. If they make £5082 in a month, how much do they each get? **£3234 and £1848**
5. Jim did a maths test and scored 21 out of 30. Kelly did a different test and scored 16 out of 24. Who got the largest proportion correct? **Jim**