

Pages 40-41 —
Mixed Practice

- 1) There are 5 fifths in a whole, so there are $5 + 4 = 9$ fifths in total.
So $1\frac{4}{5} = \frac{9}{5}$.

There are 10 tenths in a whole, so there are $10 + 7 = 17$ tenths in total. So $1\frac{7}{10} = \frac{17}{10}$.

(1 mark for both correct)

- 2) $0.36 \times 100 = 36\%$
 $78 \div 100 = 0.78$

(1 mark for both)

- 3) $\frac{3}{2} = 1.5$. Since $1.5 > 1.25$,
Jasmine has more butter.

(1 mark)

4) $\frac{2}{3} \div 3 = \frac{2}{3 \times 3} = \frac{2}{9}$ of a bag.
(1 mark)

- 5) Louisa has $4 \times 8 = 32$ slices in total. She gives away $5 + 4 + 2 = 11$ slices, so she is left with $32 - 11 = 21$ slices. This is $\frac{21}{8}$ cheesecakes.
 $21 \div 8 = 2$ remainder 5, so she has $2\frac{5}{8}$ cheesecakes left.
(2 marks for the correct answer. Otherwise 1 mark for finding the correct improper fraction.)

- 6) Make equivalent fractions with the same denominator:
Pia has used $\frac{7}{10} = \frac{21}{30}$ of her ribbon.
Lily has used $\frac{2}{3} = \frac{20}{30}$ of her ribbon.
Eric has used $\frac{12}{15} = \frac{24}{30}$ of his ribbon.
(1 mark for all equivalent fractions.)
So **Eric** has used the most ribbon. (1 mark)

- 7) Make equivalent fractions with the same denominator:
The grass covers $\frac{1}{2} = \frac{3}{6}$ of the park.
The playground covers $\frac{1}{3} = \frac{2}{6}$ of the park. Subtract these from $1 = \frac{6}{6}$: $\frac{6}{6} - \frac{3}{6} - \frac{2}{6} = \frac{1}{6}$
So trees cover $\frac{1}{6}$ of the park.
(1 mark)

- 8) Multiply the number he makes each day by the number of days:
 $2 \times 20 = 40$
 $\frac{3}{4} \times 20 = \frac{3 \times 20}{4} = \frac{60}{4} = 15$
So $2\frac{3}{4} \times 20 = 40 + 15 = 55$.
So Huw makes 55 clocks.
(1 mark)