Simplifying fractions problems

Q.1 James has 6 blue marbles, 3 yellow and 3 red marbles. What fraction of his marbles are blue? _____

Q.2 What fraction of his marbles are yellow? _____

Q.3 Simplify these fractions using the highest common factor.

A. $\frac{24}{42} \begin{matrix}(\div 6)\\(\div 6)\end{matrix} = \frac{\square}{\square}$

B. $\frac{20}{28} \begin{matrix}(\div 4)\\(\div 4)\end{matrix} = \frac{\square}{\square}$

Q.4 Tick the fractions that are in its lowest form:

$\frac{3}{18}$ $\frac{8}{24}$ $\frac{31}{36}$

$\frac{6}{24}$ $\frac{7}{36}$

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Q.5 True or false. The following fractions are reduced to their simplest forms.

A. 49 tulips out of 63 are red. This is $\frac{7}{8}$ when expressed as a fraction.

B. 33 children out of 75 are left handed. This is $\frac{11}{25}$ when expressed as a fraction.



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