

1)

$$\frac{8}{\boxed{?}} \div 2 = \frac{4}{9} \quad \frac{18}{23} \div \boxed{?} = \frac{2}{23}$$

$$\frac{\boxed{?}}{17} \div 3 = \frac{4}{17}$$

The missing number in all these calculations is 9.



Do you agree with this statement? Prove it and explain your reasoning.

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2) Prove if each child has completed their calculation correctly. Show your reasoning.



$$\frac{20}{32} \div 5 = \frac{1}{8}$$

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$$\frac{21}{36} \div 7 = \frac{1}{12}$$

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$$\frac{12}{42} \div 3 = \frac{1}{21}$$

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