**Simplifying Fractions**

Write these fractions in their simplest form:

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| --- | --- | --- | --- |
| 1. $\frac{30}{40}$ | 2. $\frac{21}{35}$ | 3. $\frac{12}{18}$ | 4. $\frac{24}{40}$ |
| 5. $\frac{14}{42}$ | 6. $\frac{9}{36}$ | 7. $\frac{24}{84}$ | 8. $\frac{33}{72}$ |

Simplify the fractions by filling in the missing numbers.

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| --- | --- | --- | --- |
| 9. $\frac{16}{36}=\frac{}{9}$ | 10. $\frac{10}{90}=\frac{1}{}$ | 11. $\frac{27}{63}=\frac{}{7}$ | 12. $\frac{36}{78}=\frac{}{13}$ |
| 13. $\frac{36}{72}=\frac{4}{}$ | 14. $\frac{11}{88}=\frac{}{8}$ |  |  |

Word Problems

1. There are 64 children in a class, 18 of them prefer hockey, the rest prefer football. How many children prefer hockey out of the entire class?

**Write your answer as a fraction in its simplest form.**

1. There are 128 passengers on a plane, 68 are men, 60 are women. How many men are there out of all the passengers?

**Write your answer as a fraction in its simplest form.**

1. If 88 footballers in an England squad and 28 of them are injured, how many are fit to play out of the squad?

**Write your answer as a fraction in its simplest form.**