Name

Fractions in Simplest Form

Write $\frac{20}{24}$ in simplest form. Divide by common factors.

- Divide by common factors until the only common factor is 1.
- You can start by dividing by 2, since both numbers are even.

 $\frac{20 \div 2}{24 \div 2} = \frac{10}{12}$

But both 10 and 12 are also even, so they can be divided by 2.

 $\frac{10\div2}{12\div2}=\frac{5}{6}$

• Since 5 and 6 do not have any common factors, $\frac{5}{6}$ is the simplest form.

 $\frac{20}{24}$ written in simplest form is $\frac{5}{6}$.

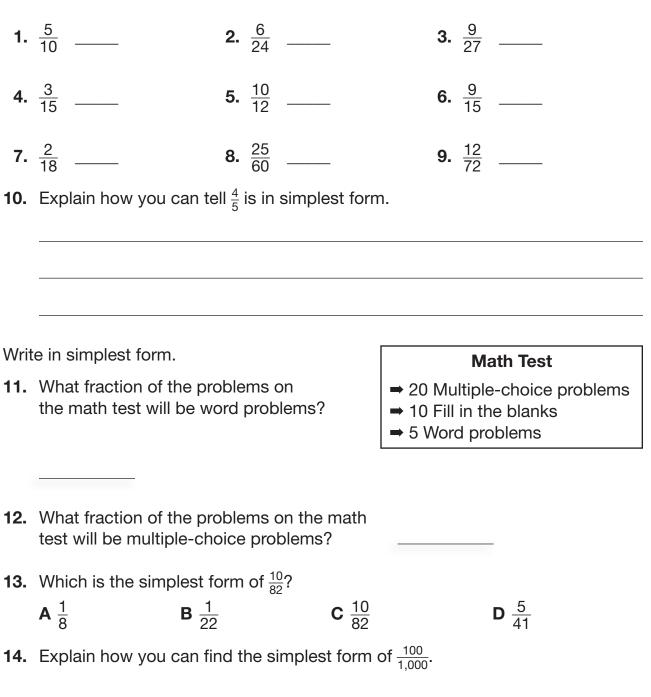
Write each fraction in simplest form.

1. $\frac{16}{20}$	2. $\frac{8}{16}$	3. $\frac{5}{10}$
4. $\frac{8}{32}$	5. $\frac{18}{42}$	6. $\frac{15}{100}$
7. $\frac{18}{21}$	8. $\frac{24}{40}$	9. $\frac{55}{70}$

10. Explain how you can tell that $\frac{31}{33}$ is in simplest form.

Reteaching

9-2



Practice

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