



Greatest common factor (GCF)

Grade 5 Factoring Worksheet

Find the greatest common factor of the two numbers shown.

1. $\begin{array}{l} 30 \\ 27 \end{array}$ _____

2. $\begin{array}{l} 22 \\ 6 \end{array}$ _____

3. $\begin{array}{l} 11 \\ 33 \end{array}$ _____

4. $\begin{array}{l} 27 \\ 9 \end{array}$ _____

5. $\begin{array}{l} 22 \\ 11 \end{array}$ _____

6. $\begin{array}{l} 45 \\ 3 \end{array}$ _____

7. $\begin{array}{l} 7 \\ 35 \end{array}$ _____

8. $\begin{array}{l} 12 \\ 3 \end{array}$ _____

9. $\begin{array}{l} 32 \\ 48 \end{array}$ _____

10. $\begin{array}{l} 45 \\ 30 \end{array}$ _____



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Find the greatest common factor of the two numbers shown.

1. $\frac{30}{27} = \frac{1, 2, 3}{1, 3} = \underline{3}$ 2. $\frac{22}{6} = \frac{1, 2}{1, 2} = \underline{2}$

3. $\frac{11}{33} = \frac{1, 11}{1, 3, 11} = \underline{11}$ 4. $\frac{27}{9} = \frac{1, 3, 9}{1, 3, 9} = \underline{9}$

5. $\frac{22}{11} = \frac{1, 2, 11}{1, 11} = \underline{11}$ 6. $\frac{45}{3} = \frac{1, 3}{1, 3} = \underline{3}$

7. $\frac{7}{35} = \frac{1, 7}{1, 5, 7} = \underline{7}$ 8. $\frac{12}{3} = \frac{1, 2, 3}{1, 3} = \underline{3}$

9. $\frac{32}{48} = \frac{1, 2, 4, 8, 16}{1, 2, 3, 4, 6, 8, 12, 16} = \underline{16}$ 10. $\frac{45}{30} = \frac{1, 3, 5, 9, 15}{1, 2, 3, 5, 6, 10, 15} = \underline{15}$