



Greatest common factor (GCF)

Grade 6 Factoring Worksheet

Find the greatest common factor of the three numbers shown.

1) $84, 126, 189 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

9) $81, 135, 189 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

2) $64, 128, 192 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

10) $88, 48, 96 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

3) $72, 40, 120 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

11) $24, 84, 80 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

4) $63, 147, 273 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

12) $54, 162, 216 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

5) $96, 66, 432 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

13) $36, 81, 180 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

6) $56, 168, 280 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

14) $75, 150, 225 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

7) $99, 77, 132 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

15) $12, 96, 60 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

8) $42, 126, 84 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

16) $16, 32, 192 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$



Answers

1) 21

9) 27

2) 64

10) 8

3) 8

11) 4

4) 21

12) 54

5) 6

13) 9

6) 56

14) 75

7) 11

15) 12

8) 42

16) 16