



Greatest common factor (GCF)

Grade 6 Factoring Worksheet

Find the greatest common factor of the three numbers shown.

1) $48, 72, 96 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

9) $56, 112, 168 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

2) $55, 110, 165 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

10) $35, 70, 105 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

3) $90, 45, 135 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

11) $18, 54, 72 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

4) $33, 66, 99 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

12) $12, 24, 60 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

5) $120, 80, 40 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

13) $100, 50, 200 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

6) $14, 28, 42 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

14) $81, 27, 9 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

7) $150, 75, 50 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

15) $44, 88, 132 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

8) $21, 63, 84 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$

16) $60, 120, 30 \rightarrow \text{GCF} = \underline{\hspace{2cm}}$



Answers

1) 24

2) 55

3) 45

4) 33

5) 40

6) 14

7) 25

8) 21

9) 56

10) 35

11) 18

12) 12

13) 50

14) 9

15) 44

16) 30