

# Greatest common factor (GCF)

Name \_\_\_\_\_ Date \_\_\_\_\_

Hard: Three numbers up to 150 · Grade 6

Find the greatest common factor (GCF) of the numbers.

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1.

$$\text{GCF}(60, 48, 108) = \underline{\hspace{2cm}}$$

2.

$$\text{GCF}(14, 140, 126) = \underline{\hspace{2cm}}$$

3.

$$\text{GCF}(70, 126, 42) = \underline{\hspace{2cm}}$$

4.

$$\text{GCF}(36, 108, 114) = \underline{\hspace{2cm}}$$

5.

$$\text{GCF}(52, 138, 140) = \underline{\hspace{2cm}}$$

6.

$$\text{GCF}(118, 82, 56) = \underline{\hspace{2cm}}$$

7.

$$\text{GCF}(30, 140, 120) = \underline{\hspace{2cm}}$$

8.

$$\text{GCF}(98, 140, 112) = \underline{\hspace{2cm}}$$

9.

$$\text{GCF}(54, 18, 117) = \underline{\hspace{2cm}}$$

10.

$$\text{GCF}(42, 77, 119) = \underline{\hspace{2cm}}$$

11.

$$\text{GCF}(15, 105, 60) = \underline{\hspace{2cm}}$$

12.

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

13.

$$\text{GCF}(140, 150, 70) = \underline{\hspace{2cm}}$$

14.

$$\text{GCF}(48, 84, 36) = \underline{\hspace{2cm}}$$

15.

$$\text{GCF}(4, 150, 56) = \underline{\hspace{2cm}}$$

16.

$$\text{GCF}(42, 7, 28) = \underline{\hspace{2cm}}$$

17.

$$\text{GCF}(104, 136, 128) = \underline{\hspace{2cm}}$$

18.

$$\text{GCF}(144, 108, 36) = \underline{\hspace{2cm}}$$

19.

$$\text{GCF}(42, 84, 140) = \underline{\hspace{2cm}}$$

20.

$$\text{GCF}(100, 64, 108) = \underline{\hspace{2cm}}$$

# Greatest common factor (GCF) — answer key

Set 101

Hard: Three numbers up to 150 · Grade 6

Find the greatest common factor (GCF) of the numbers.

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1.

$$\text{GCF}(60, 48, 108) = \underline{12}$$

2.

$$\text{GCF}(14, 140, 126) = \underline{14}$$

3.

$$\text{GCF}(70, 126, 42) = \underline{14}$$

4.

$$\text{GCF}(36, 108, 114) = \underline{6}$$

5.

$$\text{GCF}(52, 138, 140) = \underline{2}$$

6.

$$\text{GCF}(118, 82, 56) = \underline{2}$$

7.

$$\text{GCF}(30, 140, 120) = \underline{10}$$

8.

$$\text{GCF}(98, 140, 112) = \underline{14}$$

9.

$$\text{GCF}(54, 18, 117) = \underline{9}$$

10.

$$\text{GCF}(42, 77, 119) = \underline{7}$$

11.

$$\text{GCF}(15, 105, 60) = \underline{15}$$

12.

$$\text{GCF}(88, 132, 44) = \underline{44}$$

13.

$$\text{GCF}(140, 150, 70) = \underline{10}$$

14.

$$\text{GCF}(48, 84, 36) = \underline{12}$$

15.

$$\text{GCF}(4, 150, 56) = \underline{2}$$

16.

$$\text{GCF}(42, 7, 28) = \underline{7}$$

17.

$$\text{GCF}(104, 136, 128) = \underline{8}$$

18.

$$\text{GCF}(144, 108, 36) = \underline{36}$$

19.

$$\text{GCF}(42, 84, 140) = \underline{14}$$

20.

$$\text{GCF}(100, 64, 108) = \underline{4}$$