

Find the greatest common factor of two numbers

NAME	DATE	SCORE / 10
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1 What is the greatest common factor of 52 and 39?

2 A garden has 42 bean plants and 56 tomato plants to plant in rows. Each row has only one kind of plant, and every row has the same number of plants. What is the greatest number of plants each row can have?

3 What is the greatest common factor of 27 and 63?

4 Leo has 38 pencils and 57 erasers to put into bags, with none left over. Every bag must have the same number of pencils and the same number of erasers. What is the greatest number of bags Leo can make?

5 What is the greatest common factor of 52 and 62?

6 Two ribbons are 34 cm and 85 cm long. Dev cuts both ribbons into pieces that are all the same length, with none left over. What is the greatest length, in cm, the pieces can be?

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- 7** What is the greatest common factor of 60 and 80?

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- 8** Two ribbons are 24 cm and 80 cm long. Cleo cuts both ribbons into pieces that are all the same length, with none left over. What is the greatest length, in cm, the pieces can be?

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- 9** What is the greatest common factor of 20 and 65?

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- 10** Noah has 57 pencils and 95 erasers to put into bags, with none left over. Every bag must have the same number of pencils and the same number of erasers. What is the greatest number of bags Noah can make?

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1 13

3 9

5 2

7 20

9 5

2 14

4 19

6 17

8 8

10 19