Greatest common factor

Circle the common factors.
Write the greatest common factor (GCF).

24: ①, ②, ③, 4, ⑥, 8, 12, 24

60: ①, ②, ③, 4, 5, ⑥, 8, 10, 12, 60   The GCF is 6

42: ①, ②, ③, ⑥, 7, 14

Find the factors. Circle the common factors.

45:

36:

28:

54:

Find the factors. Write the GCF.

35:

80:
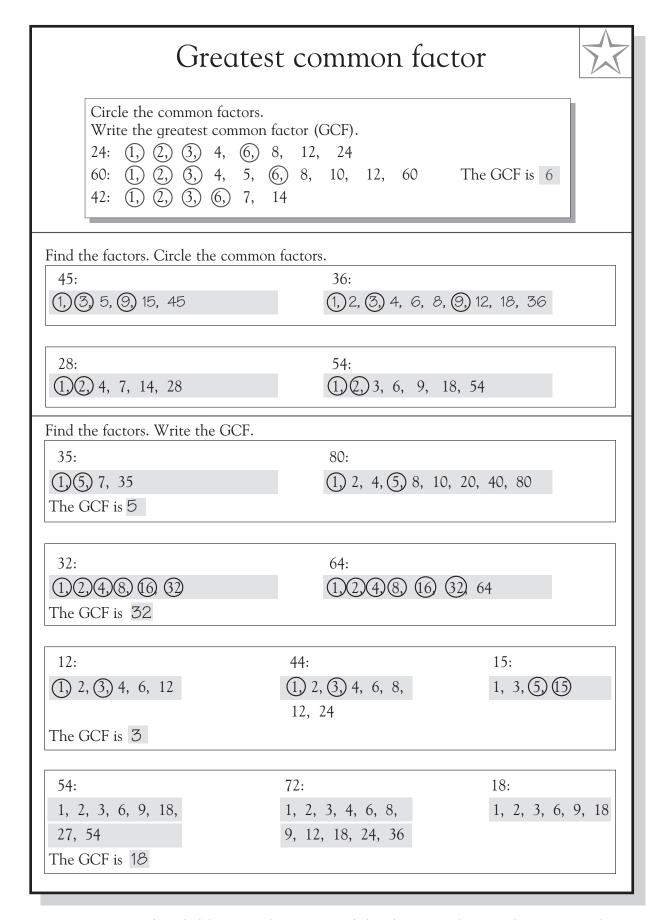
The GCF is

32:

64:

The GCF is

12:

44:

15:

12, 24

The GCF is

54:

72:

18:

The GCF is

Greatest common factor

Circle the common factors.
Write the greatest common factor (GCF).

24: ①, ②, ③, 4, ⑥, 8, 12, 24
60: ①, ②, ③, 4, 5, ⑥, 8, 10, 12, 60   The GCF is 6
42: ①, ②, ③, ⑥, 7, 14

Find the factors. Circle the common factors.

45:
①, ③, 5, ⑨, 15, 45

36:
①, 2, ③, 4, 6, 8, ⑨, 12, 18, 36

28:
①, ②, 4, 7, 14, 28

54:
①, ②, 3, 6, 9, 18, 54

Find the factors. Write the GCF.

35:
①, ⑤, 7, 35
The GCF is 5

80:
①, 2, 4, ⑤, 8, 10, 20, 40, 80

32:
①, ②, ④, ⑧, ⑯, ㉜
The GCF is 32

64:
①, ②, ④, ⑧, ⑯, ㉜, 64

12:
①, 2, ③, 4, 6, 12
The GCF is 3

44:
①, 2, ③, 4, 6, 8,
12, 24

15:
1, 3, ⑤, ⑮

54:
1, 2, 3, 6, 9, 18,
27, 54
The GCF is 18

72:
1, 2, 3, 4, 6, 8,
9, 12, 18, 24, 36

18:
1, 2, 3, 6, 9, 18

It is common for children to skip some of the factors of a number. Have them test factors systematically, beginning with 2, and then 3, and so on.