LCM & GCF (Mixed Review) · 1

What is the greatest common factor (GCF) of 2 and 30?

LCM & GCF (Mixed Review) · 2

What is the least common multiple (LCM) of 3 and 10?

LCM & GCF (Mixed Review) · 3

Is 2 a common factor of 8 and 18? Write yes or no.

LCM & GCF (Mixed Review) · 4

Use the GCF to write $\frac{6}{27}$ in simplest form.

LCM & GCF (Mixed Review) · 5

What is the least common denominator of $\frac{15}{19}$ and $\frac{2}{3}$?

LCM & GCF (Mixed Review) · 6

28 red beads and 30 blue beads are shared into identical bracelet bags, with none left over. What is the greatest number of bracelet bags that can be made?

LCM & GCF (Mixed Review) · 7

One bus leaves the station every 9 minutes and another every 13 minutes. They both leave at 8:00. How many minutes later do they next leave together?

LCM & GCF (Mixed Review) · 8

The GCF of 6 and 28 is 2. GCF × LCM = 6 × 28. Use this to find the LCM.

LCM & GCF (Mixed Review) · 2

ANSWER

30

LCM & GCF (Mixed Review) · 1

ANSWER

2

LCM & GCF (Mixed Review) · 4

ANSWER

$\frac{2}{9}$

LCM & GCF (Mixed Review) · 3

ANSWER

yes

LCM & GCF (Mixed Review) · 6

ANSWER

2

LCM & GCF (Mixed Review) · 5

ANSWER

57

LCM & GCF (Mixed Review) · 8

ANSWER

84

LCM & GCF (Mixed Review) · 7

ANSWER

117

LCM & GCF (Mixed Review) · 9

What is the greatest common factor (GCF) of 5 and 18?

LCM & GCF (Mixed Review) · 10

What is the least common multiple (LCM) of 4 and 12?

LCM & GCF (Mixed Review) · 11

Is 70 a common multiple of 25 and 35? Write yes or no.

LCM & GCF (Mixed Review) · 12

Use the GCF to write $\frac{9}{12}$ in simplest form.

LCM & GCF (Mixed Review) · 13

What is the least common denominator of $\frac{5}{16}$ and $\frac{5}{12}$?

LCM & GCF (Mixed Review) · 14

A coach splits 22 boys and 28 girls into teams. Every team has the same number of boys and the same number of girls, and no one is left out. What is the greatest number of teams?

LCM & GCF (Mixed Review) · 15

One bus leaves the station every 14 minutes and another every 12 minutes. They both leave at 8:00. How many minutes later do they next leave together?

LCM & GCF (Mixed Review) · 16

The GCF of 24 and 30 is 6. GCF × LCM = 24 × 30. Use this to find the LCM.

LCM & GCF (Mixed Review) · 10

ANSWER

12

LCM & GCF (Mixed Review) · 9

ANSWER

1

LCM & GCF (Mixed Review) · 12

ANSWER

$\frac{3}{4}$

LCM & GCF (Mixed Review) · 11

ANSWER

no

LCM & GCF (Mixed Review) · 14

ANSWER

2

LCM & GCF (Mixed Review) · 13

ANSWER

48

LCM & GCF (Mixed Review) · 16

ANSWER

120

LCM & GCF (Mixed Review) · 15

ANSWER

84

LCM & GCF (Mixed Review) · 17

What is the greatest common factor (GCF) of 29 and 33?

LCM & GCF (Mixed Review) · 18

What is the least common multiple (LCM) of 11 and 13?

LCM & GCF (Mixed Review) · 19

Is 288 a common multiple of 27 and 36? Write yes or no.

LCM & GCF (Mixed Review) · 20

Use the GCF to write $\frac{24}{28}$ in simplest form.

LCM & GCF (Mixed Review) · 21

What is the least common denominator of $\frac{2}{7}$ and $\frac{5}{6}$?

LCM & GCF (Mixed Review) · 22

4 red beads and 30 blue beads are shared into identical bracelet bags, with none left over. What is the greatest number of bracelet bags that can be made?

LCM & GCF (Mixed Review) · 23

Ava swims a lap every 10 seconds and Leo every 7 seconds. They start together. After how many seconds are they both back at the start at the same time?

LCM & GCF (Mixed Review) · 24

What is the greatest common factor (GCF) of 34, 16, and 27?

LCM & GCF (Mixed Review) · 18

ANSWER

143

LCM & GCF (Mixed Review) · 17

ANSWER

1

LCM & GCF (Mixed Review) · 20

ANSWER

$$\frac{6}{7}$$

LCM & GCF (Mixed Review) · 19

ANSWER

no

LCM & GCF (Mixed Review) · 22

ANSWER

2

LCM & GCF (Mixed Review) · 21

ANSWER

42

LCM & GCF (Mixed Review) · 24

ANSWER

1

LCM & GCF (Mixed Review) · 23

ANSWER

70