

All Factors, multiples and primes

Name _____

Find factors of a number.

Page 1 of 2

- 1** Circle all the factors of 24.
Circle each one.

8 14 15 4 9 10

2

- 2** Circle all the factors of 36.
Circle each one.

10 3 15 6 4 8

7 5

- 3** Circle all the factors of 30.
Circle each one.

15 4 12 6 7 3

14

- 4** Circle all the factors of 40.
Circle each one.

8 14 6 15 3 4

9 2

- 5** Circle all the factors of 18.
Circle each one.

15 7 8 9 6 3

4 14

- 6** Circle all the factors of 12.
Circle each one.

4 8 6 10 14 7

12

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All Factors, multiples and primes (continued)

Find factors of a number.

Page 2 of 2

7 Circle all the factors of 16.

Circle each one.

2

9

8

6

3

4

7

5

8 Circle all the factors of 20.

Circle each one.

4

2

7

9

5

12

14

3

10

9 Circle all the factors of 12.

Circle each one.

8

10

6

12

2

3

9

7

5

10 Circle all the factors of 36.

Circle each one.

5

7

14

6

2

15

3

8

12

11 Circle all the factors of 24.

Circle each one.

14

10

4

2

9

15

12

7

12 Circle all the factors of 30.

Circle each one.

14

7

15

2

10

9

8

4

3

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Most Factors, multiples and primes

Name _____

Page 1 of 2

Find multiples, and spot composite numbers.

- 1** Circle all the multiples of 6.
Circle each one.

40 44 34 4 12 24
30

- 2** Circle all the composite numbers.
Circle each one.

3 8 11 17 14 19
12

- 3** Circle all the common factors of 12 and 28.
Circle each one.

4 2 6 7 5 12

- 4** Circle all the prime factors of 12.
Circle each one.

5 2 3 6 4

- 5** Circle all the factors of 24.
Circle each one.

6 7 9 2 15 8
5

- 6** Circle all the composite numbers.
Circle each one.

3 7 19 9 5 17
14 21

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Most Factors, multiples and primes (continued)

Find multiples, and spot composite numbers.

Page 2 of 2

- 7** Circle all the multiples of 6.
Circle each one.

52 20 54 6 24 25

5 30 44

- 8** Circle all the composite numbers.
Circle each one.

6 8 13 10 11 16

17 5 2

- 9** Circle all the factors of 72.
Circle each one.

7 3 5 8 10 20

4 15

- 10** Circle all the composite numbers.
Circle each one.

3 14 10 4 5 11

13

- 11** Circle all the factors of 36.
Circle each one.

20 9 6 5 2 7

4 15

- 12** Circle all the prime factors of 36.
Circle each one.

11 4 2 3 6

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Some Factors, multiples and primes

Name _____

Page 1 of 2

Find primes, and common factors and multiples.

- 1** Circle all the prime numbers.
Circle each one.

15

4

14

3

11

7

18

- 2** Which of these is a common multiple of 5 and 2?

Circle the answer.

10

7

13

17

- 3** Is 23 a prime number?
Circle the answer.

Yes

No

- 4** Which of these is a common factor of 42 and 18?

Circle the answer.

11

7

3

8

- 5** Is 73 a prime number?
Circle the answer.

Yes

No

- 6** Which of these is a common factor of 8 and 40?

Circle the answer.

7

6

3

2

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Factors, multiples and primes: answers

All Find factors of a number.

1 2, 4, 8

2 3, 4, 6

3 3, 6, 15

4 2, 4, 8

5 3, 6, 9

6 4, 6, 12

7 2, 4, 8

8 2, 4, 5, 10

9 2, 3, 6, 12

10 2, 3, 6, 12

11 2, 4, 12

12 2, 3, 10, 15

Most Find multiples, and spot composite numbers.

1 12, 24, 30

2 8, 12, 14

3 2, 4

4 2, 3

5 2, 6, 8

6 9, 14, 21

7 6, 24, 30, 54

8 6, 8, 10, 16

9 3, 4, 8

10 4, 10, 14

11 2, 4, 6, 9

12 2, 3

Some Find primes, and common factors and multiples.

1 3, 7, 11

2 10

3 Yes

4 3

5 Yes

6 2

7 Yes

8 3

9 Yes

10 7

11 Yes

12 40

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