

Calorie Factors

name _____

Some active pre-teen boys need about 2000 calories per day.

Let's see if we can find all the factors of 2000.

1 x _____

How many factors does 2000 have? _____

2 x _____

How many even factors does 2000 have? _____

4 x _____

List the odd factors of 2000: _____

5 x _____

What fraction of the factors of 2000 are odd? _____

8 x _____

What fraction of the factors of 2000 are even? _____

10 x _____

What fraction of the factors of 2000 are < 99 ? _____

20 x _____

What fraction of the factors of 2000 are > 99 ? _____

25 x _____

List all the prime factors of 2000: _____

40 x _____

What fraction of the factors of 2000 are prime? _____

Some inactive pre-teen boys need about 1700 calories per day. Find the factors for 1700.

1 x _____

How many factors does 1700 have? _____

2 x _____

How many even factors does 1700 have? _____

4 x _____

List the odd factors of 1700: _____

5 x _____

What fraction of the factors of 1700 are odd? _____

10 x _____

What fraction of the factors of 1700 are even? _____

What fraction of the factors of 1700 are < 99 ? _____

What fraction of the factors of 1700 are > 99 ? _____

List all the prime factors of 1700: _____

What fraction of the factors of 1700 are prime? _____