# math Antics®
## Exercises

Name:

Date:

## Factoring

**1** Factor 16 in two different ways.

$16 =$ __4__ $\times$ __4__
$16 =$ __2__ $\times$ __8__
or 1 x 16

**2** Factor 30 in two different ways.

$30 =$ __5__ $\times$ __6__
$30 =$ __3__ $\times$ __10__
or 2 x 15
or 1 x 30

**3** Factor 40 in three different ways.

$40 =$ __5__ $\times$ __8__
$40 =$ __4__ $\times$ __10__
$40 =$ __2__ $\times$ __20__
or 1 x 40

**4** Is 7 a factor of 52 ?

☐ Yes
☒ No

$$7\overline{)52}$$
$-49$
$3$ remainder

**5** Is 3 a factor of 42 ?

☒ Yes
☐ No

$$3\overline{)42}$$
$-3$
$12$
$-12$
$0$
no remainder

**6** Is 9 a factor of 153 ?

☒ Yes
☐ No

$153 \div 9 = 17$  no remainder!

**7** Find ALL the factors of 16.

**factor list:**  1  2  4  8  16

See Video for step-by-step
solutions to each problem.