Multiplying and dividing numbers in scientific form

Multiplying

(3.5 x ) (2.5 x )

1. Multiply the constants

3.5 x 2.5 = 8.75

1. Follow the rule of multiplying powers

and add the exponents

x = =

1. Check to see if the answer is in scientific form

(only 1 number in front of the decimal place)

8.75 x

Dividing

8.9 x

8.2 x

1. Divide the constants

8.9 8.2 = 1.085

1. Follow the rule of dividing powers and

subtract (down) the exponents

=

1. Check to see if the answer is in scientific form.

1.085 x