

## conversions Extra Practice 3

NAME \_\_\_\_\_

PERIOD \_\_\_\_\_

SHOW ALL OF YOUR WORK WITH ALL OF STEPS! CLEARLY LABEL YOUR ANSWER!

1. Convert 46 m to cm and express your answer in scientific notation.
2. Convert 240 seconds to minutes.
3. If 2 Fig = 5 Newt, 4 Wol = 1 Ger, 3 Cob = 6 Fig, and 5 Newt = 10 Wol, how many Cob are in 20 Ger?

# Conversions Extra Practice 3 and KEY

NAME \_\_\_\_\_

PERIOD \_\_\_\_\_

SHOW ALL OF YOUR WORK WITH ALL OF STEPS! CLEARLY LABEL YOUR ANSWER!

1. Convert 46 m to cm and express your answer in scientific notation. <sup>2SF</sup>

$$46 \text{ m} \left| \frac{100 \text{ cm}}{1 \text{ m}} \right| = 4600 \text{ cm}$$

↳  $4.6 \times 10^3 \text{ cm}$  (2SF)

2. Convert 240 seconds to minutes. <sup>2SF</sup>

$$240 \text{ sec} \left| \frac{1 \text{ min}}{60 \text{ sec}} \right| = 4 \text{ min}$$

↳ 4.0 min (2SF)

3. If 2 Fig = 5 Newt, 4 Wol = 1 Ger, 3 Cob = 6 Fig, and 5 Newt = 10 Wol, how many Cob are in 20 Ger? <sup>1SF</sup>

$$20 \text{ Ger} \left| \frac{4 \text{ Wol}}{1 \text{ Ger}} \right| \left| \frac{5 \text{ Newt}}{10 \text{ Wol}} \right| \left| \frac{2 \text{ Fig}}{5 \text{ Newt}} \right| \left| \frac{3 \text{ Cob}}{6 \text{ Fig}} \right| = 8 \text{ Cob}$$

↳ 8 Cob (1SF)