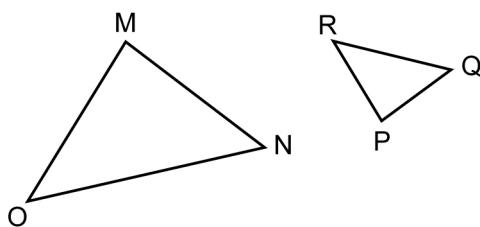


# Chapter 1 Practice Test

## Multiple Choice

- 640 fl oz in gallons is:  
A 8      B 6      C 5      D 2
- 128 pt in quarts is:  
A 16      B 32      C 128      D 64
- 160 km, in miles is approximately:  
A 80      B 100      C 320      D 256
- 40 gal, in litres is:  
A 10      B 5      C 151      D 320
- If Casey's milk jug is filled with 80 fl oz of milk, then the number of pints in the jug is:  
A 40      B 20      C 10      D 5
- Kim's convenience store charges \$1.60/L for grapefruit juice. The cost of 2 gal of juice would be approximately:  
A \$6.40      B \$0.80      C \$3.20      D \$12.80
- If Triangle MNO and Triangle PQR are similar, which statement is NOT true?

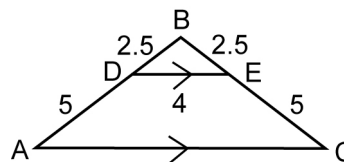


- $\angle N = \angle R$
  - NO corresponds with QR
  - $\angle M + \angle N + \angle O = \angle P + \angle Q + \angle R$
  - $\frac{MN}{PQ} = \frac{MO}{PR}$
- The height of a pen holder is 7.5 cm, while its shadow is 10 cm long. The picture frame next to it is 5 cm tall. Which is the length of the frame's shadow?  
A 3.33 cm      B 3.75 cm  
C 15 cm      D 6.67 cm

## Short Response

- Estimate each measure using the indicated units.
 

a) 320 km	miles
b) 56 gal	litres
c) 120 mL	tablespoons
d) 16 lb	grams
- The temperature in Jamaica is  $80^{\circ}\text{F}$ , while the temperature in Toronto is  $15^{\circ}\text{C}$ . How much warmer is it in Jamaica than in Toronto? Give your answer in degrees Celsius.
- Line segments AC and DE are parallel. Find the length of AC to the nearest tenth of a unit.



## Extended Response

- Hal needs 6 ft by 6 ft of Bristol board for a presentation.
  - What is the area of the Bristol board in square feet?
  - What is the area of the Bristol board in square yards?
  - The store charges  $\$0.50/\text{yd}^2$ . How much will the sheet cost?
- Tran paid \$24 for 32 L of gas. Lilly paid \$27 for 10 gal of gas. Who got the better deal? Show your work.
- The height of Melvin's house is 12 m. His friend, Matt, lives in a house that is 15 m tall. If Matt's house casts a shadow that is 16 m long, what is the length of the shadow cast by Melvin's house to the nearest tenth of a metre?