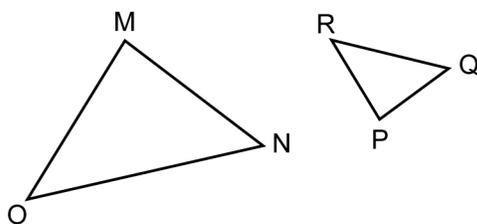


Chapter 1 Practice Test

Multiple Choice

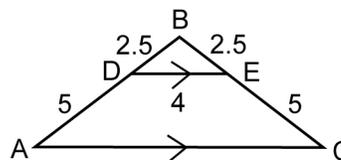
- 640 fl oz in gallons is:
A 8 B 6 C 5 D 2
- 128 pt in quarts is:
A 16 B 32 C 128 D 64
- 160 km, in miles is approximately:
A 80 B 100 C 320 D 256
- 40 gal, in litres is:
A 10 B 5 C 151 D 320
- If Casey's milk jug is filled with 80 fl oz of milk, then the number of pints in the jug is:
A 40 B 20 C 10 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?



- A $\angle N = \angle R$
 B NO corresponds with QR
 C $\angle M + \angle N + \angle O = \angle P + \angle Q + \angle R$
 D $\frac{MN}{PQ} = \frac{MO}{PR}$
- 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°F , while the temperature in Toronto is 15°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.
a) What is the area of the Bristol board in square feet?
b) What is the area of the Bristol board in square yards?
c) 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?