

Chapter 3 Warm-Up

Section 3.1 Warm-Up

1. How many inches are in $2\frac{1}{2}$ feet?
2. Convert 6 feet 7 inches to inches.
3. A 12-pack of fruit juice boxes costs \$1.79. What is the unit price?
4. Each juice box in #3 contains 250 mL. How many litres of juice are in the 12-pack?
5. While in Miami, Florida, you consider buying an \$89.99 pair of shoes. The currency exchange rate is US\$1 = C\$1.08. What is the cost of the shoes in Canadian funds?

Section 3.2 Warm-Up

1. What is the area of a 4 ft by 8 ft sheet of plywood?
2. How many square inches are in 3 square feet?
3. How many square feet are in 5 square yards?
4. Estimate the area of a circle with a radius of 6 inches.
5. Calculate the area of a circle with a diameter of 10 inches. Round your answer to one decimal place.

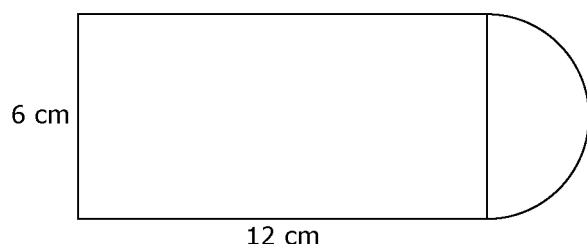


Section 3.3 Warm-Up

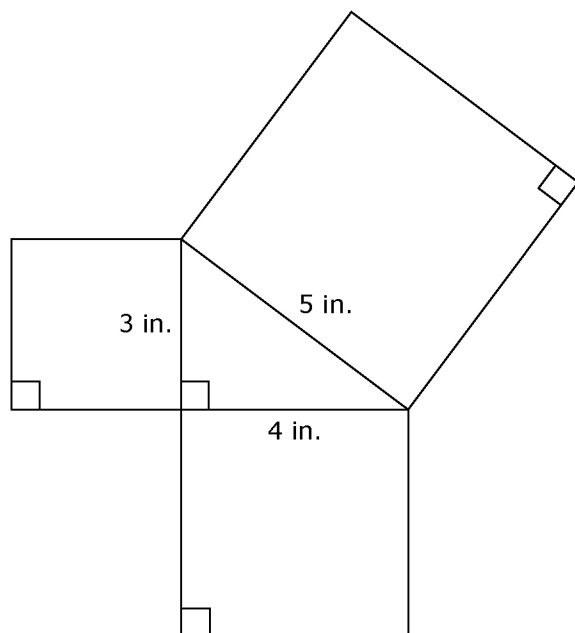
1. What is the area of a picture that is 30 cm by 40 cm?
2. How many square centimetres are in 6 m^2 ?
3. How many square metres are in a rectangle that measures 20 cm by 50 cm?
4. What is the area of a circle with a radius of 10 cm? Show your answer to the nearest square centimetre.
5. What is the area of a circle with a diameter of 14 cm? Show your answer to two decimal places.

Section 3.4 Warm-Up

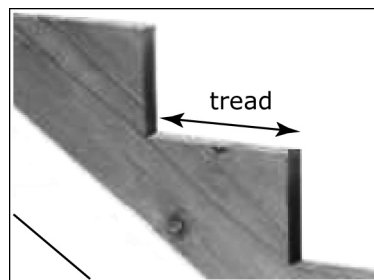
1. What is the total area? Show your answer to one decimal place.



2. What is the total area?



3. A stair case has 13 steps, each measuring 1 ft by 4 ft. The tread of each step is being stained. What is the total area being stained?



4. A rectangle with a 3-inch width and 5-inch length is doubled in length. What is the new area?
5. A rectangle is doubled in both length and width. How does the new area compare to the original area?

