

Section 2.3 Extra Practice

- Approximate, and then convert each length in centimetres. Round to the nearest tenth.
a) 3 inches **b)** 5 inches
c) 9 inches **d)** 11 inches
- Convert each length in #1 to millimetres.
- Use a ruler or a measuring tape and approximate each SI length to the closest inch.
a) 5 cm **b)** 15 cm
c) 25 cm **d)** 35 cm
- Convert each to the nearest centimetre.
a) 1 foot **b)** 3 feet
c) 5 feet **d)** 7 feet
- Convert each SI distance to imperial units. Round each answer to the nearest 0.1 of a unit.
a) 5 km **b)** 15 km
c) 75 km **d)** 300 km
- Convert each imperial distance to SI units. Round each answer to the nearest tenth of a unit.
a) 5 mi **b)** 15 mi
c) 75 mi **d)** 300 mi
- A conservation officer is measuring the length of young salmon, or fry. The average length is 2.54 in. What is this length in centimetres?
- At an amusement park, the roller coaster rides have height restrictions that range from 3 ft to $4\frac{1}{2}$ ft. What is this range in centimetres? Round to the nearest centimetre.
- Brian's driver's licence lists his height as 181 cm. How tall is Brian in feet and inches?
- Melissa is making blinds for her windows. In order to raise the blinds, she needs 80 yards of string.
a) Estimate the number of metres of string needed. Show your work.
b) Melissa decides to convert from yards to feet to inches and then, to centimetres to metres. How many metres of string are needed?
- Ruby works for a tour company. She needs to convert distances for American tourists. What is each distance in miles, to the nearest mile?

a) Grand Falls–Windsor to St. John's	434 km
b) Grand Falls–Windsor to Gander	97 km
c) Grand Falls–Windsor to Deer Lake	210 km
d) Grand Falls–Windsor to Port-aux-Basques	477 km
- Patrick is driving from Labrador City to Goose Bay via Churchill Falls. What is each distance in kilometres, to the nearest kilometre?

a) Labrador City to Churchill Falls	143 mi
b) Churchill Falls to Goose Bay	172 mi

