

Name: _____

1. If 3 kg of potatoes costs \$1.50, how much will 10 kg of potatoes cost?

\$

2. Which of the following dog foods represents the best value?

- A 500g for \$2.00
- B 1 kg for \$3.80
- C 2 kg for \$7.80

3. An ostrich can run 80 metres in 4 seconds. How far would it run in 30 seconds at the same speed?

metres

4. Sally wants to purchase new carpet for her home. She selects one which costs \$620 for 5 metres. Her home requires 12 metres. How much will the carpet cost?

\$

5. A particular car can travel 500 km on 50 litres of fuel.

(a) How far would it travel on 20 litres?

km

(b) How many litres would be used on a trip of 100 km?

litres

6. Which of these two cars provides better fuel economy?

Car A travels 400 km on 12 litres.

Rate km/L

Car B travels 500 km on 16 litres.

Rate km/L

7. The dose for a certain medicine is 2 ml for every 10 kg of body weight of the person.

Rate = ml/kg

How much medicine should be given to the people below?

(a) Alex who weighs 30 kg.

mL

(b) Amelia who weighs 55 kg.

mL