Name: _____

1. If 5 kg of apples cost $2.50:
(a) what is the cost of 1 kg of the apples?

c

(b) what is the cost of 8 kg of the apples?

$

2. If 10 metres of a material cost $30, what is the cost of 25 m of the material?

$

3. Geraldene hiked 12 kilometres in 3 hours. How long would it take her to hike 28 kilometres?

h

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

A 500g for $3.20

B 1 kg for $5.80

C 2 kg for $12.00

5. The dose for a certain medicine is 6 ml for every 10 kg of body weight of the person. How much medicine should be given to someone who weighs 50 kg?

mL

6. A particular car can travel 400 km on 20 litres of fuel.
(a) How far would it travel on 50 litres of fuel?

km

(b) How many litres of fuel would be used on a trip of 2500 km?

litres

7. An ostrich can run 80 metres in 4 seconds.
(a) How far would it run in 25 seconds at the same speed?

metres

(b) How long would it take an ostrich to run 120 metres?

sec

8. A cyclist is riding at a speed of 20 km/h. How many minutes would it take the cyclist to ride 15 km?

min