Year 5 Mathematics - Tuesday 28th September, 2021
CLASSWORK

Name: _____



11 Rate

Practice 1 Rates

Example

1. A car can travel 72 km on 6 ℓ of petrol.
How many kilometres can the car travel on 1 ℓ of petrol?

6 ℓ → 72 km

1 ℓ → $\frac{72}{6}$

= 12 km

The car can travel 12 km on 1 ℓ of petrol.

2. Sarah paid $14 for renting a bicycle for 2 hours.
How much did Sarah pay per hour?

2 h → $

1 h → $\frac{\$____}{2}$

= $____

Sarah paid $ ____ per hour

LIVEWORKSHEETS

3. Azwan sells mussels at $8 per kg. At this rate, how much money will Azwan receive from selling 30 kg of mussels?

1 kg → $_____

30 kg → $_____ × _____

= $_____

Azwan will receive $_____ from selling 30 kg of mussels.

4. Zainal wants to post 40 invitation cards to his friends.
The postage cost per card is 25¢. At this rate, how much will it cost Zainal to send out all the invitation cards?

1 card → cents

40 card → cents X _____

= _____ cents

= $ _____

It will cost Zainal $_____ to send put all the invitation cards

LIVEWORKSHEETS

5. A phone company charges 35¢ per minute for an overseas call. At this rate, how much does a 5-minute call cost? Give your answer in dollars and cents.

1 minute → cents

5 minutes → cents X _____
= _____ cents
= $ _____

A 5- minute call costs $ _____

6. Fatin takes 1 day to sew 2 dresses. At this rate, how many days does Fatin take to sew 16 dresses?

2 dresses → day

16 dresses → _____ days

= _____ days

Fatin takes _____ days to sew 16 dresses

LIVEWORKSHEETS

Practice 2 Solving Word Problems

1. An electronic roller makes 960 turns in 20 seconds.

   (a) How many turns does it make in 1 second?
   (b) How many turns does it make in 1 minute?

Working

a) 20 s → seconds

1 s → -

= _____

It makes _____ turns in 1 second.

b) 1 minute = _____ seconds

60 seconds = _____ X _____

= _____

It makes _____ turns in 1 minute.

2. Irfan saved $18 in 2 days. He saved an equal amount every day. At this rate, how much would Irfan save in 2 weeks?

For this question,

You may write down your working on a piece of paper.
Then, write your answer here.

Irfan would save $ _____ in 2 weeks.

LIVEWORKSHEETS