

Using Formulae v2 – Australian version

Name _____ Date _____

1) I hire a mixer for \$10 per day plus \$30 delivery. How much would it cost for:

- a) 1 day
- b) 5 days
- c) 7 days
- d) Write a rule of how to find the total cost.
This can be in words or numbers.
See if another member of the class can use your rule.



2) I get my photos printed at a cost of 5¢ each plus \$2.50 P&H.
How much will it cost to print off:

- a) 1 photo
- b) 20 photos
- c) 50 Photos
- d) Write a rule to work out the cost
Check that your rule works by checking your answer with a calculator.

3) I have to cook a turkey for the following time:

Total time in minutes = 20 x weight in kg + 30

- a) How long will it take to cook a turkey weighing:
 - i) 3kg
 - ii) 5kg
 - iii) 6.5kg



- b) I have 1 hour and 50 minutes until dinner time. What is the biggest turkey I can cook for tea?

4) I am running an emergency plumbing business. I charge \$24 per hour plus \$60 call out fee.
How much will I charge for:

- a) 1 hour
- b) 4 hours
- c) 30 minutes
- d) 45 minutes
- e) 20 minutes
- f) Write a formula for my charges

5) My monthly mobile phone charges are calculated by the following formula:

Cost = \$15 + \$0.20 x minutes used

- a) How much will it cost for:
 - i) 30 minutes used
 - ii) 70 minutes used
 - iii) 140 minutes used



- b) I have \$20 to spend this month. How many minutes can I afford to use?