

**WORKSHEET**

# Income – commission and piecework

The best portion of a good man's life is ...

3	11	13	15	11	5	5	15	17	

14	16	18	17	15	17	13	13

1	14	9	17	18	17	18	2	17	9	17	12

16	8	5	13	10	7	6	11	14	12	14	17	13	13

16	14	12	10	7	15	10	4	17

*William Wordsworth*

Work out the answers to the questions below, rounding percentages to one decimal place.  
The solutions will give you the corresponding letter to place in the cells above.

## Questions

A car yard pays its salespeople 5% for the first \$10 000 of the value of the cars they sell, 4% for the next \$10 000, and 3% of any amount after that. Calculate the amount of commission received if the following cars are sold.

**1** A \$7000 Datsun

**2** A \$39 990 Commodore

**3** A \$17 499 Charade

A fruit picker is paid \$4.30 per box of fruit picked.

- 4 How much would a picker earn for 37 boxes picked over a day?
- 5 If a picker earns \$812.70 in a week, how many boxes of fruit have they picked?
- 6 If a picker picked 46 boxes over a 10-hour period, what was their average hourly rate of pay?

A real estate office pays its salespeople a weekly retainer of \$220 plus commission of 2.5% for the first \$200 000 of the value of each property sold and 2% of each amount after that. Calculate the commission received if the following houses are sold.

- 7 A \$540 000 house
- 8 A \$795 600 house
- 9 During the 4 weeks of February, Daniel sold houses worth \$472 500 and \$618 000. What was his total income for that month including retainer?
- 10 During a 4-week period, Katrina sold two units worth \$384 000 and \$216 000 and a house worth \$593 700. What was her total income?
- 11 A commission of \$9800 would be received on the sale of a house of what price?

Outworkers who sew T-shirts together are paid a wage of \$3 per hour plus \$1.45 for each T-shirt sewn together. Calculate the average hourly wage for each of the following workers.

**12** Kellie, who sews 90 T-shirts over 8 hours

**13** Nicole, who sews 47 T-shirts over 6 hours

**14** David, who sews 116 T-shirts over 10 hours

How many T-shirts were sewn by the following workers?

**15** Cameron, who earned \$547.55 for a 38-hour week

**16** Jasmine, who earned \$662.30 for a 40-hour week

A door-to-door roofing salesman receives a 30% commission on the value of his sales, plus a \$105 weekly retainer.

**17** How much income does he receive in a week when he sells \$1305 worth of roofing?

**18** How much roofing did he sell in a week when he earned \$790?

## Solutions

**A** 374

**B** \$1499.70

**C** \$16 912

**D** \$19.31

**E** \$496.50

**F** \$11 800

**H** \$799.96

**I** \$440 000

**K** \$19.78

**L** 299

**M** \$2283.33

**N** \$19.82

**O** \$27 754

**R** \$24 690

**S** \$14.36

**T** 189

**U** \$350

**V** \$159.10