

# Chapter 6 Prerequisite Skills Answers

## BLM 6–2 Chapter 6 Prerequisite Skills

1. a) 0.50, 50% b) 0.60, 60%

c)  $2\bar{3}$ ,  $233.\bar{3}\%$  d) 3, 300%

2. a) 108 km/h b) 160 m/km c) 50 m/min

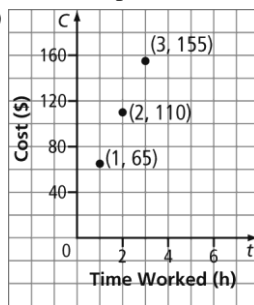
3. 1.99 m

4. a)

Time Worked, $t$ (h)	Earnings, $E$ (\$)
2	30
4	60
6	90
7	105

b) (0, 0). Example: This means that for 0 time worked, the earnings are \$0.

5. a)



b) \$290 c)  $C = 45L + 20$

6. a)  $y = 8.04$  b)  $t = -14.56$

c)  $r = \frac{3}{2}$  d)  $n = 15$

7. a) \$50.25 b) 48 hotdogs