2 **(a)** The cost of hiring power tools from the local hardware store is calculated using the formula $C = 35t + 60$, where C = cost (in dollars), and t = the hire period (in hours). Find the cost of hiring a sander for 6 hours.

(b) Body mass index (B) is one way of measuring a person's health, and is calculated by the formula $B = \frac{m}{h^2}$, where m is the person's mass in kilograms, and h is their height in metres. Calculate the body mass index of a runner who is 1.7 metres tall and weighs 64 kg. (Round your answer to two decimal places.)

(c) The average speed of a moving object (such as a car) can be calculated by the formula $s = \frac{d}{t}$, where s = speed (in kilometres per hour), d = distance (in kilometres) and t = time (in hours). Yoshi drives 210 km from Hobart to Launceston in 3 hours. Calculate her average speed.

4 Use each of the following rules to complete these tables of values.

(a) $b = 4a$

a	11	20	5	9	50
b					

(b) $y = 7x$

x	6	4	10	20	101
y					

(c) $n = 3m + 2$

m	1	2	10	6	5
n					

(d) $k = 4j + 7$

j	2	5	11	10	100
k					

(e) $q = 2p - 10$

p	11	15	10	20	100
q					

(f) $s = 8r - 2$

r	1	2	3	0	200
s					

(g) $v = 4(u - 1)$

u	5	3	1	201	6
v					

(h) $n = 3(m - 2)$

m	5	10	11	102	52
n					