Year 6 Homework Answers

Module 10: Direct proportionality

1.

        a) True

        b) False

        c) False

        d) False

2.

        a) x

        b) 3

        c) 60

        d) 34

3.

        a) x

        b) 2.5

        c) 110

        d) 40

4.

        a) Number of people and Total amount paid

        b) Number of people

        c) Total amount paid

        d) 7; the ticket price for each one person

        e) $1050

        f) 240 people

5.

        a) Working time

        b) Amounts earn

        c) $25

d) $375

e) 50 hours

6.

a) Yes, because one variable increases and another variable also increases

b) 1

c) 15

d) 33

7.

a) Yes

b) side length

c) perimeter

d) 4

8.

a) length of timber

b) total price

c) 7.5

d) $90

e) $90 \times 3 \div 7.5 = 36\,m$

9.

No. Firstly, from the data we have in the question, even though the weight is 5 times bigger than the age at 3 years old and 5 years old, but the weight won't keep increase when the age increases.