

Answer

1. Money he has to make = $\$1000 - \200
= $\$800$
Weeks he has to work = $\$800/\$100 = 8$ weeks.
David has to work 8 weeks.



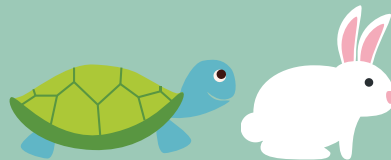
2. Kid's playing area = $l \times w$
= 50×70
= 3500 sq.yards
Total park area = 110×150
= 16500 sq.yards
Remaining area = $16500 - 3500$
= 13000 sq. yards.



3. Average cost of 5 dresses = Total amount of dresses/quantity of dress
= $\$17 + \$15 + \$18 + \$20 + \$23/5$
= $\$93/5 = \18.6



4. Speed of tortoise = distance/time = $100/20 = 50$ m/min.
Speed of rabbit = distance/time = $500/60 = 10$ m/min.
Rabbit's speed is more.



5. Friend A contributed = 30% of $\$250$
= $30/100 \times 250 = \$75$
Friend B contributed = 40% of $\$250$
= $40/100 \times 250 = \$100$
Friend C contributed = $\$250 - (\$100 + \$75)$
= $\$250 - \175
= $\$75$

