

Percentage Worksheet
P6 Mathematics SA2 2015

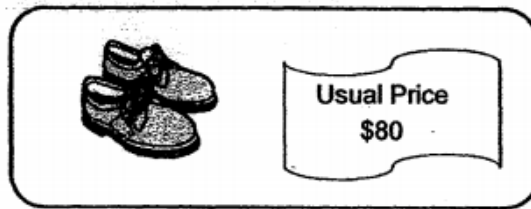
P6 Math SA2 papers of NPS, RGPS

For each question, four options are given. One of them is the correct answer.
Make your choice (1,2,3 or 4).

1. There were 650 people at a carnival. 60% of them were adults and the rest of them were children. How many children were there at the carnival?
- (1) 104
 - (2) 156
 - (3) 260
 - (4) 390
- ()

2. Express 12.3% as a decimal.
- (1) 12 300
 - (2) 12.3
 - (3) 1.23
 - (4) 0.123
- ()

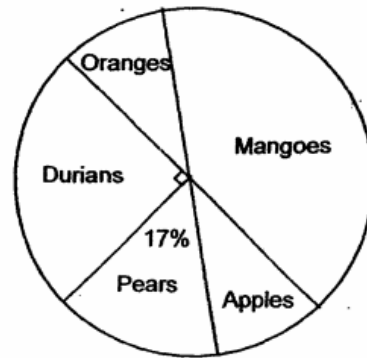
3. Mr Tan bought a pair of shoes at a 20% discount during the Great Singapore Sale. He had a discount card which entitled him to an additional 10% discount off the sale price. How much did Mr Tan pay for the shoes in the end?



- (1) \$56.00
 - (2) \$57.60
 - (3) \$64.00
 - (4) \$72.00
- ()

4. Express 3 minutes as a percentage of $2\frac{1}{2}$ hours.
- (1) $1\frac{1}{5}\%$
 - (2) 2%
 - (3) 12%
 - (4) 120%
- ()

5. The pie chart shows the favourite fruits of a group of people. 50% of the people like durians, oranges and pears. 33% of the people like apples, oranges and pears. If 72 more people like pears than oranges, what is the total number of people in the group?



- (1) 288
- (2) 450
- (3) 800
- (4) 900

()

Write your answers in the spaces provided. For questions which require units, give your answers in the units stated.

6. Express \$2 as a percentage of 40-cents.

Ans: _____%

7. Every month, Gary saved \$320 of his salary and spent the rest. In December, his spending increased by 4% and he only managed to save \$240. How much was his salary?

Ans: \$ _____

8. Express $\frac{75}{500}$ as a percentage.

Ans: _____%

9. Alvin had 20% more money than Simon. Theodore had 40% more money than Alvin. If Theodore had \$840, how much did the person with the least amount of money have?

Ans: \$ _____

Answer Key

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Subject: Primary 6 Maths – Percentages

Paper: SA2 2015

Q1	Q2	Q3	Q4	Q5
3	4	2	2	3

6. $500\% \rightarrow \frac{200}{40} \times 100 = 500$

7. $\$2320 \rightarrow 4\%$ of spending $\rightarrow 320 - 240 = 80$, 100% of spending $\rightarrow 80 \times 25 = 2000$. $2000 + 320 = 2320$

8. $15\% \rightarrow \frac{75}{500} = \frac{15}{100} = 15\%$

9. $120\% \rightarrow 1.2$, $140\% \rightarrow 1.4$, $1.2 \times 1.4 = 1.68$. $168\% \rightarrow \$840$. $100\% \rightarrow 840 \div 1.68 = 500$

References:

(Q1,6,7)=RGPS(Q11,22,29)

(Q2,8,9)=PHPPS(Q9,23,29)

(Q3)=MGS(Q14)

(Q4,5)=SCGS(Q6,11)