

ST. FRANCIS XAVIER SCHOOL
SUBJECT – MATHEMATICS
SESSION 2017-2018
WORK SHEET FOR CLASS- VII

Qs1

- a) A car travels at a speed of 60 km/hr. It will cover a distance of _____ km in 40 minutes.
- b) While crossing a tunnel of 150 m long, a train of length 200 m travels a distance of _____ m.
- c) 90 km/hr = _____ m/s.
- d) A truck travelling at 30 km/hr will reach _____ km in 90 minutes.
- e) Raja walks to market 3 km away in 40 minutes. His speed is _____.

Qs2

- a) What percent of Rs 6000 is Rs 2250? _____
- b) 6.25 % expressed in fraction is _____.
- c) 5 % of a number is 55. The number is _____.
- d) The ratio 2:5 in per cent is _____.
- e) If the simple interest earned for 3 years on Rs 5000 is Rs 45, the amount received after 3 years will be _____.

Qs3

- a) If Rs 100 amounts to Rs 120 in 2 years, the rate of interest is _____.
- b) On selling an old chair online, a man got Rs 144 at a loss of 10 %. The cost price of the chair is _____.
- c) $\frac{3}{4}$ expressed in percentage is _____.
- d) y % of 75 is 9. The value of y is _____.
- e) If $7x + 4 = 25$, then x is equal to _____.

Qs4

- a) If $2z - 3 = 5$, then the value of z is _____.
- b) The solution of the equation $\frac{-7x}{3} + 1 = 22$ is _____.
- c) The equation for one fourth of a number is 20 less than the number itself is _____.
- d) The value of $2.001 \div 0.003$ is _____.
- e) The value of $4.7 \div 1000$ is _____.

Qs5

- a) The decimal expression for 8 rupees 8 paise is _____.
- b) Convert 36 kg into gm _____.
- c) Convert 0.5 hm into dm _____.
- d) If $p = 1, q = -1,$ and $r = -2,$ then the value of $p^3 + q^2 + r^2 + 1$ is _____.
- e) The value of the expression $5m + 3nm - 8n^2$, when $m = -1$ and $n = 3$ is _____.

