

10 Year 8 Term 1 Week 10 Answers

E 10.1.1 (1) \$1.26 ; (2) 20 seconds ; (3) 2 min 30 sec ; (4) 18 cents ;

E 10.1.2 (1) \$2.00 ; (2) \$2.00 ; (3) 250 g ; (4) \$1.00 ;

E 10.1.3 (1) 9:00 am ; (2) 50 km ; (3) 10 am to 11 am ; (4) 5.5 hours ;

E 10.1.4 (1) 80 km ; (2) increase ; (3) noon ; (4) 100 km ; (5) 2:30 pm ; (6) 1.5 hours ;

E 10.2.1 (1) $\angle a = 119^\circ$; (2) ; a. $\angle TUS = \angle UST$, b. $\angle SRT = 67.5^\circ$; (3) $\angle x = 105^\circ$;

(4) $\angle P = 8^\circ$; (5) $\angle x = 75^\circ$;

E 10.2.2 (1) $\angle p = 28^\circ$; (2) $\angle y = 145^\circ$; (3) $\angle t = 44^\circ$, $\angle u = 44^\circ$, $\angle v = 64^\circ$;

E 10.2.3 (1) $\angle x + \angle y = 120^\circ$;

(2) a. $\angle x = 82^\circ$, $\angle y = 98^\circ$;

b. $\angle p = 37^\circ$, $\angle q = 37^\circ$;

c. $\angle u = 75^\circ$, $\angle v = 75^\circ$; d. $\angle x = 149^\circ$;

E 10.2.4 (1) 64° ; (2) a. $\angle x = 104^\circ$, b. $\angle x = 54^\circ$;