



MIXED REVIEW FOR TEKS

Lessons 1.1–1.4

MULTIPLE CHOICE

1. **CAR RENTALS** There is a \$50 fee to join an urban car rental service. Using the car costs \$8.50 per hour. What is the cost to join and drive for 20 hours? **TEKS 2A.2.A**

- (A) \$119
- (B) \$135
- (C) \$170
- (D) \$220

2. **MUSEUM COSTS** You visit a museum. You have \$50 to spend. Admission to the museum is \$15. Admission to each special exhibit inside the museum is \$10. What is the number of special exhibits you can include in your visit? **TEKS 2A.2.A**

- (F) 2
- (G) 3
- (H) 6
- (J) 7

3. **HOCKEY STATISTICS** In hockey, each player has a statistic called plus/minus, which is the difference between the number of goals scored by the player's team and the number of goals scored by the other team when the player is on the ice. Which list shows the players in order from least to greatest plus/minus? **TEKS a.1**

Player	Plus/Minus
Vincent Lecavalier	23
Dave Andreychuk	-9
Ruslan Fedotenko	14
Martin St. Louis	35
Cory Sarich	5
Tim Taylor	-5

- (A) Andreychuk, Taylor, Sarich, Fedotenko, Lecavalier, St. Louis
- (B) St. Louis, Lecavalier, Fedotenko, Andreychuk, Sarich, Taylor
- (C) Taylor, Andreychuk, Sarich, Fedotenko, Lecavalier, St. Louis
- (D) St. Louis, Lecavalier, Fedotenko, Sarich, Taylor, Andreychuk

4. **PRINTING MONEY** In one year, the Bureau of Engraving and Printing printed \$10 and \$20 bills with a total value of \$66,368,000. The total number of \$10 and \$20 bills printed was 3,577,600. What was the number of \$20 bills printed? **TEKS 2A.2.A**

- (F) 172,800
- (G) 518,400
- (H) 3,059,200
- (J) 3,404,800

5. **SCHOOL PICNIC SUPPLIES** You are in charge of buying food for a school picnic. You have \$45 to spend on ground beef and chicken. Ground beef costs \$1.80 per pound and chicken costs \$1.00 per pound. You want to buy equal amounts of ground beef and chicken. About how many pounds of meat you can buy? **TEKS 2A.2.A**

- (A) 16.07 pounds
- (B) 25 pounds
- (C) 32.14 pounds
- (D) 112.5 pounds

6. **SUMMER JOBS** You have two summer jobs. You mow lawns for \$20 per hour. You also work at a restaurant for \$7.50 per hour. In one week, you earn \$825 working a total of 50 hours. Which equation can be used to find the number of hours you mowed lawns? **TEKS a.5**

- (F) $825 = 20x + 7.5x$
- (G) $825 = 20x + 7.5(50 - x)$
- (H) $825 = 20x + 7.5(x - 50)$
- (J) $825 = 20(x + 50) + 7.5x$



GRIDDED ANSWER

7. **TRAVEL** You drive from Chicago to St. Louis, a distance of 290 miles. Your average speed is 60 miles per hour. About how many hours does the trip take? Round your answer to the nearest tenth of an hour. **TEKS 2A.2.A**

8. **DINOSAURS** The liopleurodon, a swimming dinosaur from the Late Jurassic period, could grow to 25 meters in length. Use the fact that $1 \text{ m} \approx 3.28 \text{ ft}$ to convert this length to feet. Round your answer to the nearest foot. **TEKS a.1**