

1. Terry had his car repaired at Ace Auto. He was charged \$50 per hour for labor plus \$150 for parts. His total bill for the repair before tax was \$375. For how many hours of labor was Terry charged?

- | | | | |
|----------|-----|----------|------|
| A | 2.5 | C | 7.5 |
| B | 4.5 | D | 10.5 |

2. Judith has two rooms in her house that she rents out separately. She charges \$220 per month in rent for one of the rooms. She collected a total of \$5,820 in rent last year, when both rooms were rented all year long. How much rent did Judith charge per month for the other room?

- | | | | |
|----------|-------|----------|-------|
| A | \$265 | C | \$280 |
| B | \$270 | D | \$285 |

3. A school is purchasing snacks for a summer program. The company charges \$1.50 per snack plus a fixed delivery charge. There are 25 students who receive a snack. If the school spends \$42.25, how much does the company charge for delivery?

- | | | | |
|----------|---------|----------|---------|
| A | \$37.50 | C | \$11.50 |
| B | \$17.25 | D | \$4.75 |

4. Judd received a \$180 bill from Star Plumbing for a house call. For how many hours of work was Judd charged, according to the rates below?

Star Plumbing
Hourly Rate: \$60
Service Fee (per house call): \$30

- | | | | |
|----------|-----|----------|-----|
| A | 2.0 | C | 3.0 |
| B | 2.5 | D | 3.5 |

5. Jeremy ordered 3 large pizzas and had them delivered to his home. The total cost of the pizzas, including a \$6 delivery charge, was \$42. Each of the pizzas was the same price. What is the cost of one pizza?

- | | | | |
|----------|------|----------|------|
| A | \$8 | C | \$14 |
| B | \$12 | D | \$16 |

6. Eliza made a bracelet with 9 blue beads and r red beads. If she used 80 beads to make 5 of the same bracelet, how many red beads did she use in each bracelet?

- | | | | |
|----------|---|----------|----|
| A | 4 | C | 16 |
| B | 7 | D | 25 |

7. John bought 1 pound of potatoes and 3 pounds of tomatoes at the grocery store. He paid a total of \$11.75. If potatoes cost \$2.48 per pound, what is the cost of a pound of tomatoes?

- | | | | |
|----------|--------|----------|--------|
| A | \$3.09 | C | \$6.27 |
| B | \$4.31 | D | \$9.27 |

8. An office building is 20 feet taller than twice the height of a bank building. If the office building is 320 feet tall, how tall is the bank building?

- | | | | |
|----------|----------|----------|----------|
| A | 150 feet | C | 180 feet |
| B | 160 feet | D | 300 feet |

9. Clark makes \$9 per hour at his job. Each week he spends \$16 from his earnings to buy a bus pass. He was left with \$182 last week after buying his bus pass. How many hours did Clark work?

- | | | | |
|----------|----|----------|----|
| A | 12 | C | 20 |
| B | 18 | D | 22 |

10. A girl read a book that had 992 pages. She read 72 pages on the first day. She then read 40 pages per day until she finished the book. Which equation can be used to find the number of days, d , it took her to read the book?

- | | | | |
|----------|------------------|----------|------------------|
| A | $72d + 40 = 992$ | C | $40d + 72 = 992$ |
| B | $72d - 40 = 992$ | D | $40d - 72 = 992$ |

11. Brian made 5 free throws at basketball practice. Ethan scored 3 more than twice the number of free throws Brian made. Which equation represents the number of free throws, t , Ethan made?

- | | | | |
|----------|-----------------------------|----------|------------------------|
| A | $t = (5 + 2) + 3$ | C | $t = (2 \times 5) + 3$ |
| B | $t = (3 \times 2) \times 5$ | D | $t = (5 \times 3) + 2$ |