

2F Select and use appropriate operations to solve problems and justify the selections

1. Mr. and Mrs. Diaz went to the carnival. They each bought a hotdog and a soda. The hotdogs cost \$1.25 each and the sodas were \$0.75 each. Which expression could be used to find how much the couple spent?
- A** $2 \times 1.25 + 0.75$
B $2 \times (1.25 + 0.75)$
C $(1.25 + 0.75) \div 2$
D $1.25 + 0.75 + 2$
2. A barrel of chicken feed weighs 96 pounds. A store uses these barrels to fill bags that contain 4.8 pounds of feed. How many bags can be filled from one barrel?
- A** 22
B 20
C 18
D 16
3. The temperature in Amarillo was -4 degrees. A new cold front came through and the temperature dropped 8 degrees. What was the new temperature?
- A** 4 degrees
B -4 degrees
C -8 degrees
D -12 degrees
4. If $8 + x = 24$, what is the value of x ?
- A** 3
B 6
C 8
D 16