

7. A community center charges x dollars for a summer activity if individuals are signed up before the day of the activity. Individuals who sign up the day of the activity are charged a fee of $x + 0.20x$ dollars. Which expression also represents the fee for signing up the day of the activity, and what does it mean about the fee?

- A $1.2x$; individuals signing up the day of the activity get charged 20% more
- B $0.8x$; individuals signing up the day of the activity get charged 20% more
- C $1.2x$; individuals signing up the day of the activity get charged 20% less
- D $0.8x$; individuals signing up the day of the activity get charged 20% less

8. David bought a shirt for \$14.50 and a pair of pants for \$21.20. David had a coupon for 33% off the pair of pants. Which expression can David use to calculate the total price of his purchase?

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|---|-------------------------|---|-------------------------|
| A | $(14.50 + 21.50)(0.33)$ | C | $14.50 + (21.50)(0.33)$ |
| B | $(14.50 + 21.50)(0.67)$ | D | $14.50 + (21.50)(0.67)$ |