

K Estimating Your Purchase



1. You are at a store and do not have paper and pencil. You buy a gallon of milk for \$2.49, a box of crackers for \$1.56, and a magazine for \$2.95. Will \$10.00 be enough to pay the bill?
2. About how much change will you get back?
3. Explain how you estimated to answer Questions 1 and 2.

L Multiples of Ten



Study the example before you complete Questions 1 and 2.

$$30 \times 5 = 5 \times 30$$

$$5 \times 30 = 5 \times 3 \text{ tens}$$

$$5 \times 3 \text{ tens} = 15 \text{ tens}$$

$$15 \text{ tens} = 150$$

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| 1. A. $20 \times 3 = \underline{\quad} \times 20$ | B. $90 \times 2 = \underline{\quad} \times 90$ |
| $3 \times 20 = 3 \times \underline{\quad} \text{ tens}$ | $2 \times 90 = 2 \times \underline{\quad} \text{ tens}$ |
| $3 \times 2 \text{ tens} = \underline{\quad} \text{ tens}$ | $2 \times 9 \text{ tens} = \underline{\quad} \text{ tens}$ |
| $6 \text{ tens} = \underline{\quad}$ | $18 \text{ tens} = \underline{\quad}$ |
| C. $70 \times 5 = \underline{\quad} \times 70$ | D. $40 \times \underline{\quad} = 9 \times 40$ |
| $5 \times 70 = 5 \times \underline{\quad} \text{ tens}$ | $9 \times 40 = 9 \times \underline{\quad}$ |
| $5 \times 7 \text{ tens} = \underline{\quad} \text{ tens}$ | $9 \times 4 \text{ tens} = \underline{\quad} \text{ tens}$ |
| $35 \text{ tens} = \underline{\quad}$ | $36 \text{ tens} = \underline{\quad}$ |

2. Be ready to explain how you used multiples of ten to multiply.