

PURPOSEFUL PERCENTS



Find the following benchmark percentages. Use these percentages to calculate the remaining percentages.

| | | | | | | |
|------|-----|-----|-----|----|------------------|----|
| 100% | 50% | 25% | 10% | 5% | $2\frac{1}{2}\%$ | 1% |
| \$28 | | | | | | |

A. 60% of \$28 = _____

B. 30% of \$28 = _____

C. 75% of \$28 = _____

D. 15% of \$28 = _____

E. 9% of \$28 = _____

F. 95% of \$28 = _____

G. $7\frac{1}{2}\%$ of \$28 = _____

H. 150% of \$28 = _____

Class Problem

There are 1200 students at Start Middle School.

- How many students make up 1% of the student body?
- How many students make up 10% of the student body?
- How many students make up 25% of the student body?
- If 30% of the students are 7th graders, how many 7th graders are there?
- If 27% of the students play a school sport, how many students play school sports?
- If 84% of the students bought a school yearbook, how many yearbooks were purchased?

Adapted from *Developing Mathematical Fluency* by Wheatley and Abshire