

Problem Solving

Solve the problem. Explain your answer.

- ① One sixth of the students in Ms. McCall’s class live less than 1 mile from school. One third of the students in her class live between 1 mile and 2 miles from school. The rest of the students live more than 2 miles from school. If there are 24 students in Ms. McCall’s class, how many live more than 2 miles from school?

Reasoning and Proof

Work backward to complete the magic squares.

②

 $\xrightarrow{\times 2}$

4	14	12
18	10	2
8	6	16

③

 $\xrightarrow{\div 4}$

6	21	18
27	15	3
12	9	24

④

 $\xrightarrow{-9}$

16	21	20
23	19	15
18	17	22

⑤

 $\xrightarrow{+5}$

14	59	50
77	41	5
32	23	68