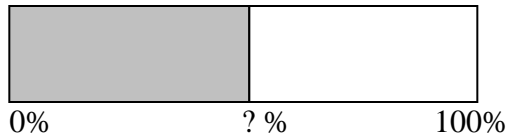


Review Exercises (Ch. 5)

- 1) The pilot has flown a distance of $\sqrt{53} + \sqrt{45}$ 14 “Gridville” blocks.
3) It will take Sid and Joanne 1.5 hours to complete the job working together.

5) $part = percent \cdot whole$

- 7) 0 14 30



- 9) $0.47 = 47\%$
11) 10.8
13) 30%
15) 25,000 mg
17) 9%
19) Percent discount = 27.38%.
21)
a) Let p be the pounds of peanut butter fudge the customer buys.
Let v be the pounds of vanilla fudge the customer buys.
b) $p + v = 2$
 $5p + 7v = 13$
d) The customer buys 0.5 lbs of peanut butter fudge and 1.5 lbs of vanilla fudge.
23) Approximately \$112.90 was deposited in the checking account.
Approximately \$587.10 was deposited in the savings account.