

Problem set - percents - 2

Name: _____ Date: _____

Round percents to the nearest tenth of a percent, and other results to the nearest tenth. For items 1 through 9, fill in the blanks to make each true.

1. 3% of 48 is _____.

2. _____% of 38 is 12.

3. Nine percent of _____ is eighteen.

4. _____ percent of 42 is 60.

5. 10% of 360 is _____.

6. 14 percent of _____ is 174.

7. 83% of 779 is _____.

8. _____% of 146 is 68.

9. _____ percent of 417 is 941.

10. Fifty pounds of peanuts mixed with thirty pounds of cashews makes a mix that is what percent cashews?
11. A mix is made up of five pounds of peanuts, two pounds of cashews, and three pounds of raisins. What is the percent of each?
12. How many pounds of peanuts must be mixed with twelve pounds of cashews so that the cashews will be twenty percent of the mix?
13. The two components of a mix are in a ratio of 3:2. What per cent of the mix is each?
14. If peanuts and cashews are mixed in a ratio of 7:4, what percent of the mix is peanuts?
15. Fifty-two pounds of mix is 64% peanuts and the rest cashews. How many pounds of cashews are in the mix?
16. The three components of a mix are in a ratio of 9:4:2. What percent of the mix is each?
17. A mix is 84% peanuts, with the rest cashews. What is the ratio of peanuts to cashews?
18. A mix is 72% peanuts, 12% cashews, and the rest raisins. What is the ratio of peanuts to cashews to raisins?