

Blizzard Bag #3

SOLVING PROPORTIONS Solve the proportion. Check your solution.

7. $\frac{2}{5} = \frac{x}{3}$

8. $\frac{4}{1} = \frac{z}{16}$

9. $\frac{c}{8} = \frac{11}{4}$

10. $\frac{36}{12} = \frac{x}{2}$

11. $\frac{16}{7} = \frac{m}{21}$

12. $\frac{k}{9} = \frac{10}{18}$

13. $\frac{5}{8} = \frac{t}{24}$

14. $\frac{d}{5} = \frac{80}{100}$

15. $\frac{v}{20} = \frac{8}{4}$

16. $\frac{r}{60} = \frac{40}{50}$

17. $\frac{16}{48} = \frac{n}{36}$

18. $\frac{49}{98} = \frac{s}{112}$

WRITING AND SOLVING PROPORTIONS Write the sentence as a proportion. Then solve the proportion.

23. 3 is to 8 as x is to 32.

24. 5 is to 7 as a is to 49.

25. x is to 4 as 8 is to 16.

26. y is to 20 as 9 is to 5.

27. b is to 10 as 7 is to 2.

28. 4 is to 12 as n is to 3.

29. 12 is to 18 as d is to 27.

30. t is to 21 as 40 is to 28.