

5.3 Puzzle Time

Who Do Whales Go To See When Their Teeth Need To Be Fixed? *Solve using Cross Product Property.*

Write the letter of each answer in the box containing the exercise number.

Solve the proportion.

1. $\frac{3}{5} = \frac{h}{20}$

2. $\frac{4}{7} = \frac{24}{a}$

3. $\frac{1}{x} = \frac{5}{45}$

4. $\frac{2}{13} = \frac{m}{39}$

5. $\frac{t}{28} = \frac{3}{4}$

6. $\frac{18}{21} = \frac{6}{w}$

7. $\frac{3.4}{4.2} = \frac{r}{21}$

8. $\frac{1.5}{2.5} = \frac{6}{s}$

9. $\frac{q}{1.7} = \frac{16}{17}$

10. $\frac{2.2}{n} = \frac{44}{66}$

Answers	
I. 27	T. 10
O. 12	H. 9
T. 1.6	N. 17
D. 4	C. 20
E. 7	T. 3.3
A. 42	R. 21
S. 6	O. 15

- You need 3 tickets for one go-kart ride. How many tickets do you need for five go-kart rides?
- Yesterday you downloaded 3 songs for \$2.97. How many songs did you download today for \$3.96?
- There are 32 students in the school play. The ratio of girls to all students in the play is 5 : 8. How many girls are in the play?
- Two out of three vehicles in a parking lot are SUVs. There are 18 SUVs in the parking lot. How many vehicles are in the parking lot?

19) $\frac{8x}{13} = \frac{64}{52}$

16) $\frac{c-3}{6} = \frac{7}{3}$

17) $\frac{20}{9} = \frac{10}{s+2}$

9	3	6		11	5	13	2	.	12	1	7	10	14	4	8
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