

Written Exercises

- A** 1. Tell whether the proportion is correct.

a. $\frac{r}{s} = \frac{a}{b}$

b. $\frac{j}{a} = \frac{s}{r}$

c. $\frac{a}{b} = \frac{n}{t}$

d. $\frac{t}{k} = \frac{a}{j}$

e. $\frac{r}{s} = \frac{n}{k}$

f. $\frac{b}{j} = \frac{t}{k}$

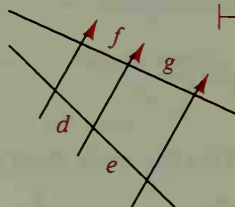
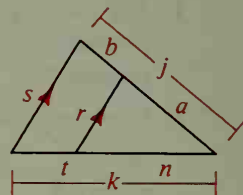
2. Tell whether the proportion is correct.

a. $\frac{d}{f} = \frac{g}{e}$

b. $\frac{f}{g} = \frac{e}{d}$

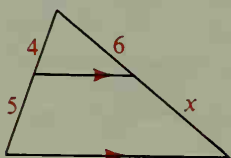
c. $\frac{g}{f} = \frac{e}{d}$

d. $\frac{d}{f} = \frac{e}{g}$



Find the value of x .

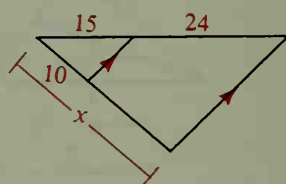
3.



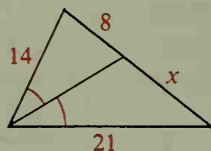
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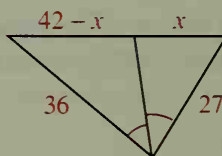
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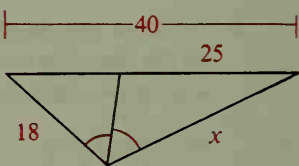
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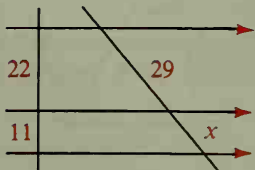
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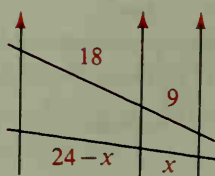
8.



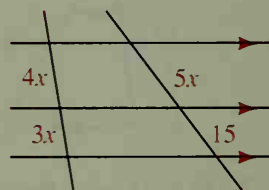
9.



10.



11.



Copy the table and fill in as many spaces as possible. It may help to draw a new sketch for each exercise and label lengths as you find them.

B

12.

13.

14.

15.

16.

17.

	AR	RT	AT	AN	NP	AP	RN	TP
12.	6	4	?	9	?	?	?	15
13.	?	?	?	?	6	16	?	?
14.	18	?	?	?	?	?	30	40
15.	12	?	20	?	?	30	15	?
16.	?	18	?	?	26	?	12	36
17.	?	8	16	6	?	?	?	?

