

Spiral

Name: _____

6th Grade

Compute.

1) $\frac{2}{3} \div \frac{6}{7}$

2) $\frac{4}{5} \div \frac{1}{5}$

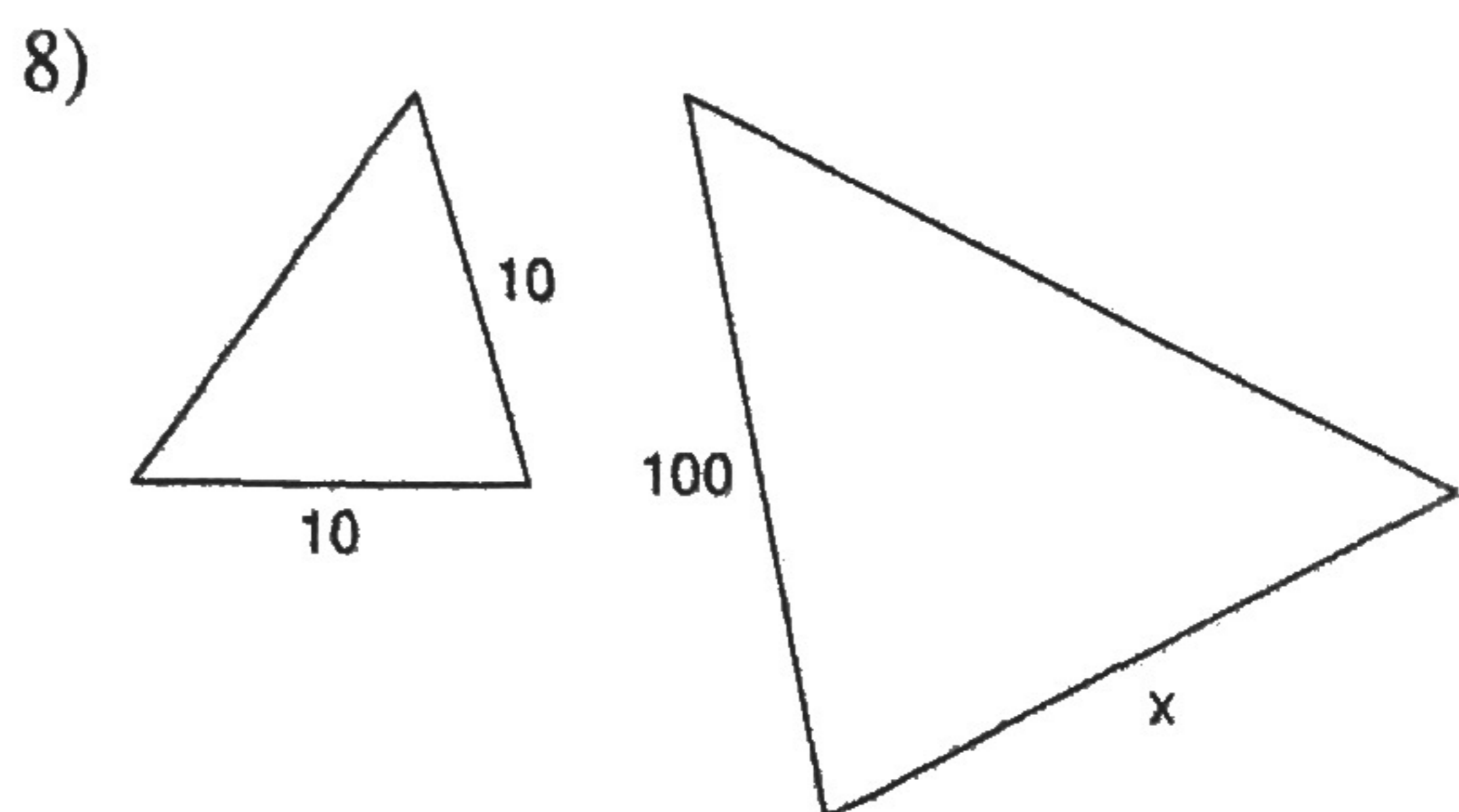
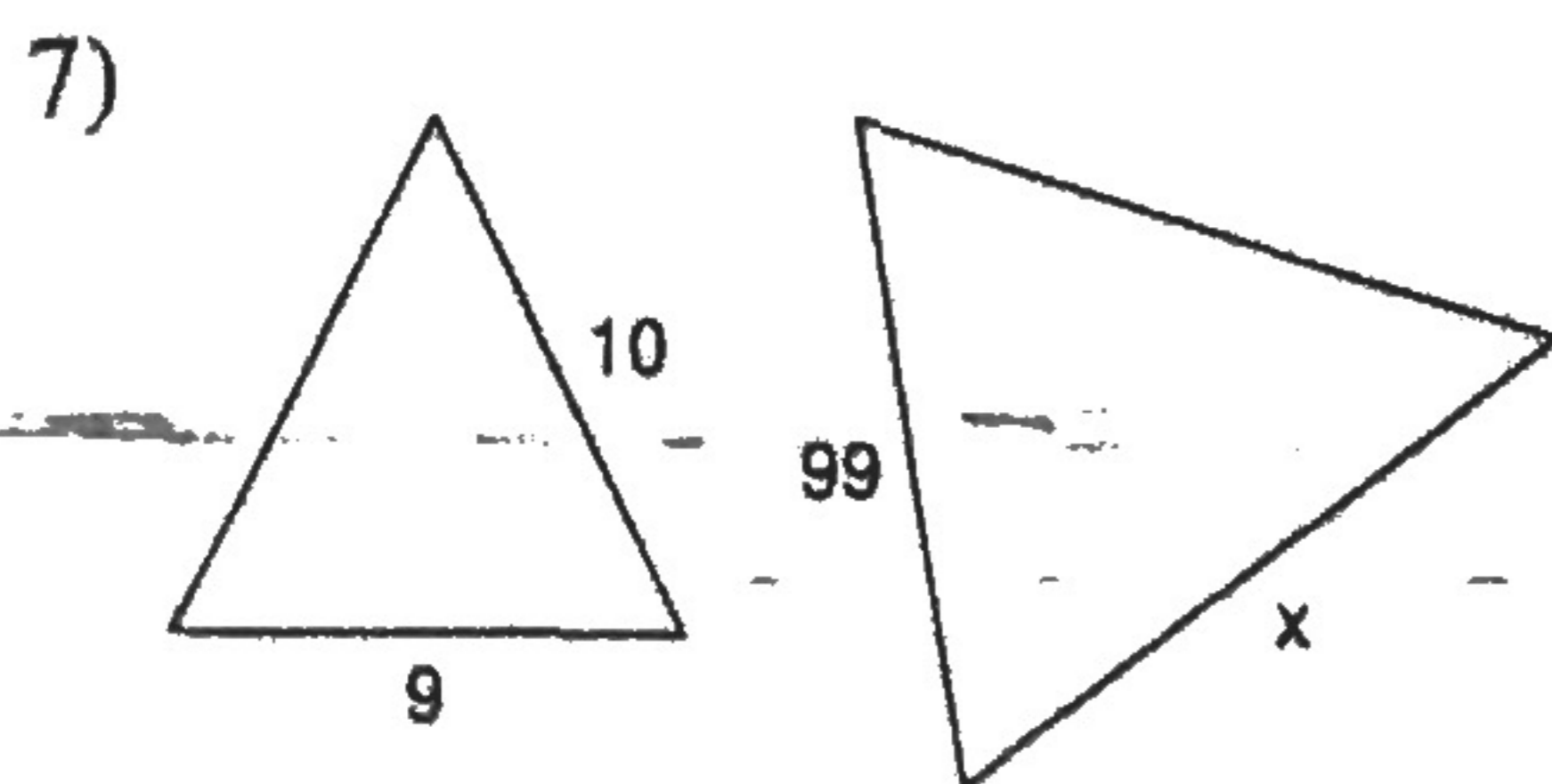
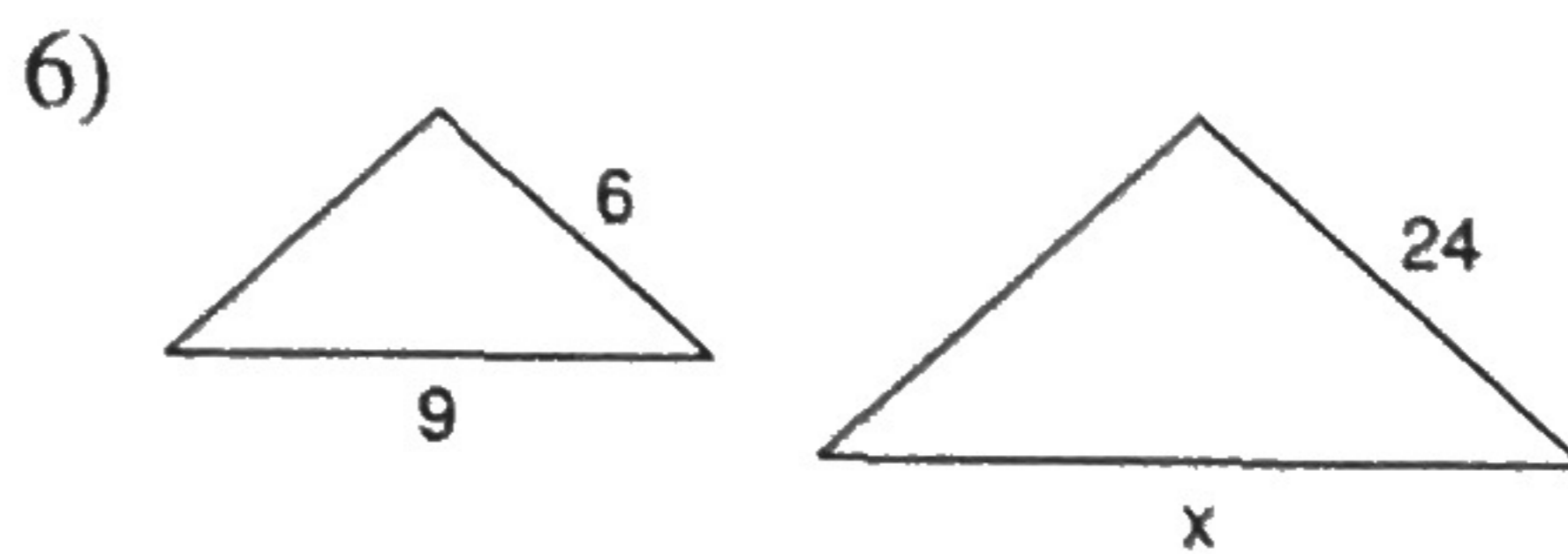
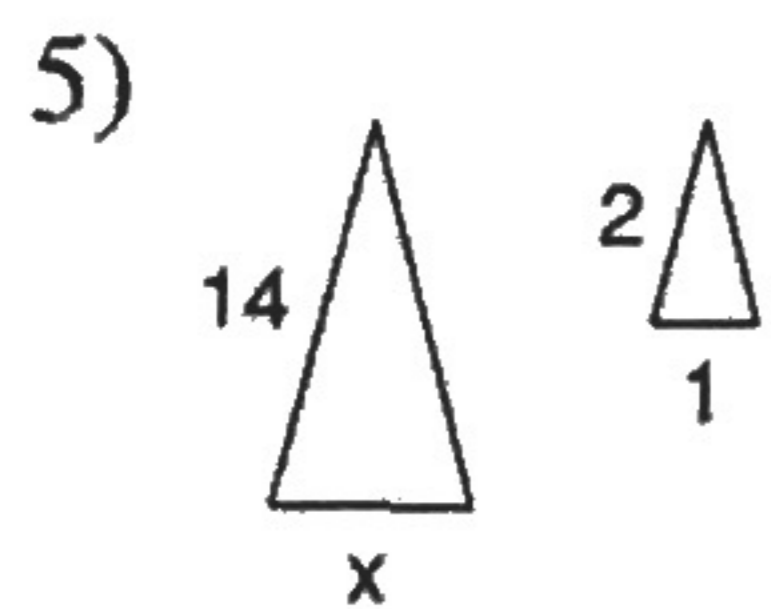
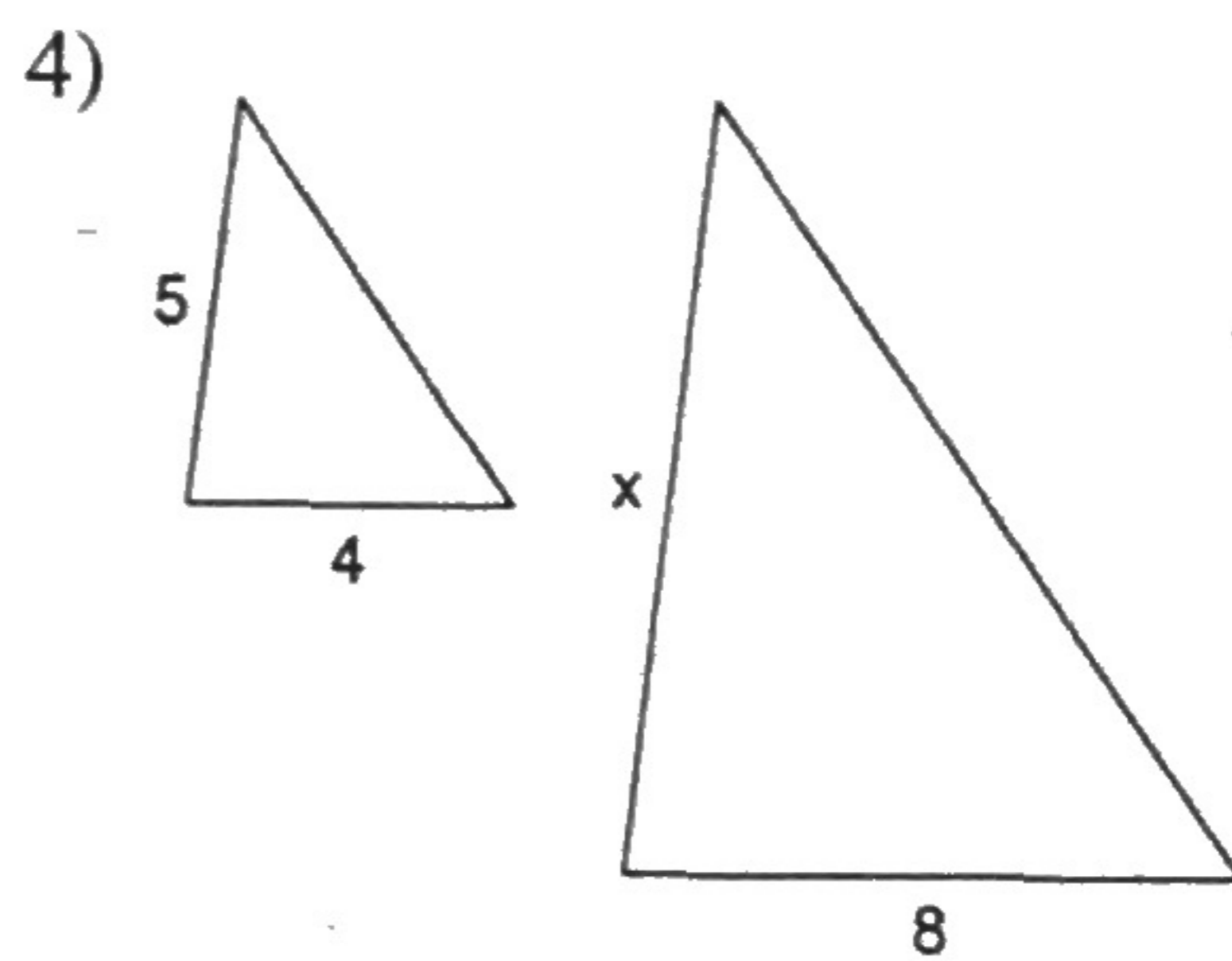
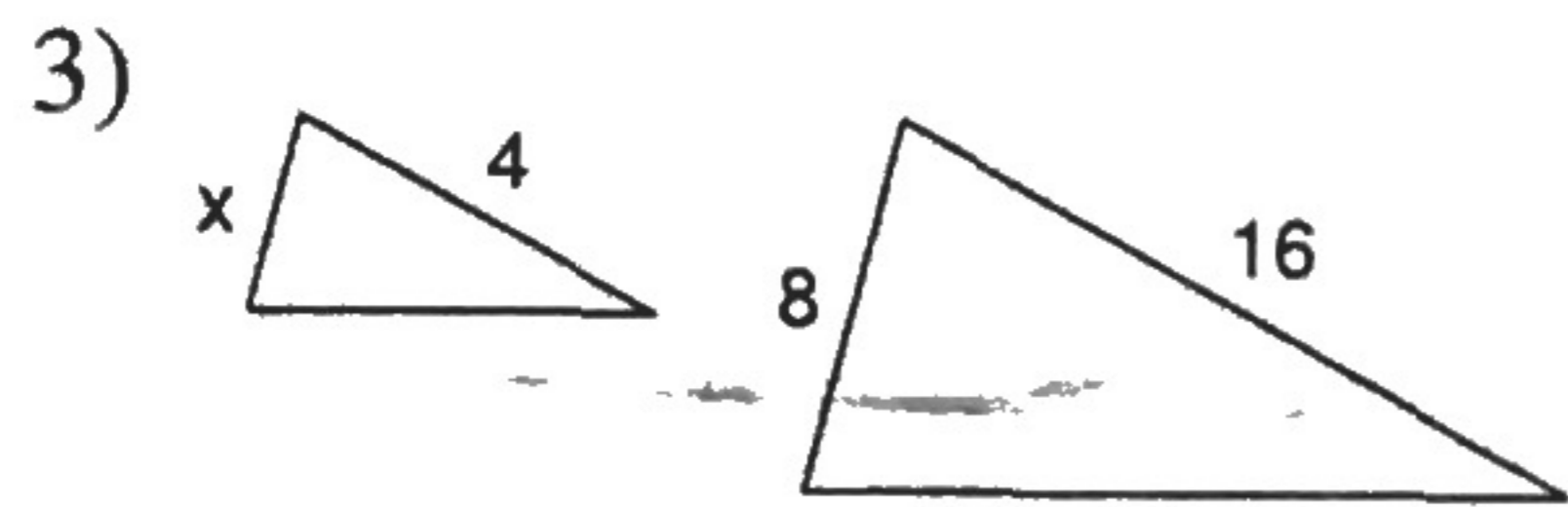
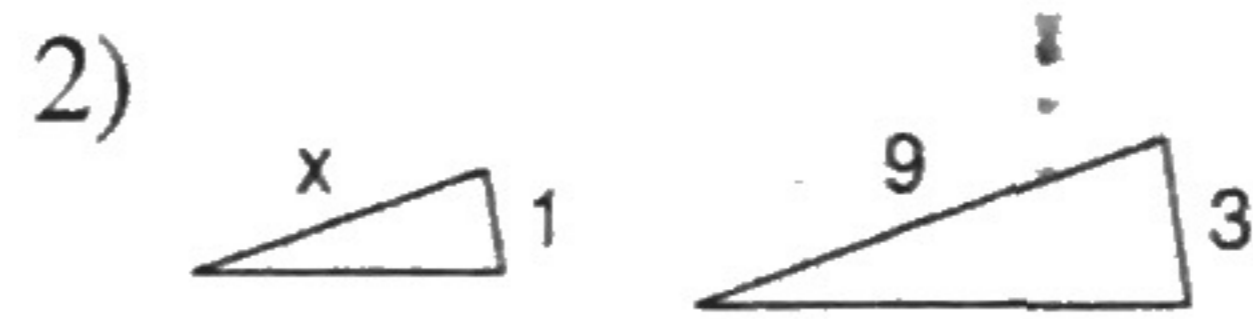
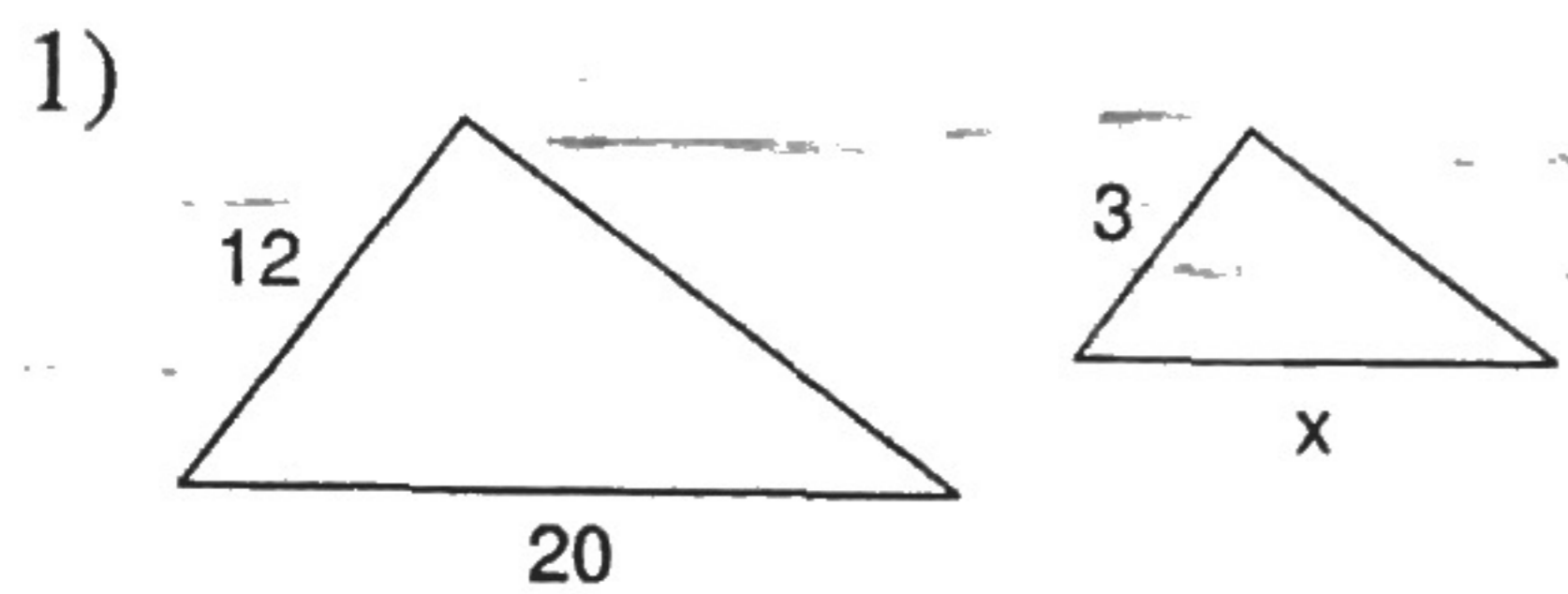
3) $\frac{3}{4} \div \frac{9}{2}$

4) $\frac{4}{7} \div \frac{1}{14}$

5) $\frac{3}{5} \div \frac{2}{7}$

6) $\frac{9}{4} \div \frac{6}{8}$

Find the missing side lengths for the similar figures using proportional reasoning.



Find the percents.

1) What is 10% of 20? _____

2) What is 20% of 20? _____

3) What is 25% of 20? _____

4) What is 50% of 20? _____

5) What is 75% of 20? _____

6) What is 100% of 20? _____

7) What is 200% of 20? _____

Rewrite the percent as a SIMPLIFIED Fraction!

8) 30%

9) 23%

10) 45%

11) 200%

Are the following tables proportional or not? IF they are proportional, find the constant of proportionality, k .

1)

x	y
8	11
12	15
16	19
20	23

2)

P	C
2	9
3	13.5
4	18

3)

gal	min
0	0
2	4
4	16
6	36

4)

hrs	miles
4	10
8	20
16	30
32	60

5)

lbs	\$
0	0
1	0.5
2	1
3	1.5
4	2

6)

x	y
20	4
30	6
40	8
50	10