Solve these problems on the back of this handout.

Why Did the River Guide Carry a Rifle?

Find the PERIMETER of each figure. Cross out the box containing each correct answer. When you finish, write the letters from the remaining boxes in the spaces at the bottom of the page.

① 13 cm, 10 cm, 18 cm

② 9 ft, 14 ft, 14 ft

③ 3.5 m, 4 m, 8.5 m, 5 m

④ 2.0 km, 2.9 km, 1.6 km, 4 km, 2.5 km

⑤ 0.9 m, 0.9 m, 0.9 m, 0.9 m, 1.8 m, 1.8 m

⑥ 24 in., 24 in., 24 in., 24 in., 24 in., 24 in.
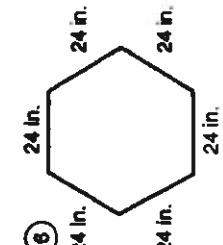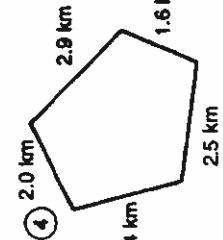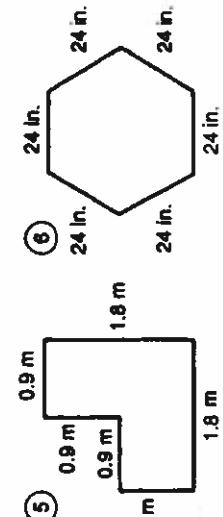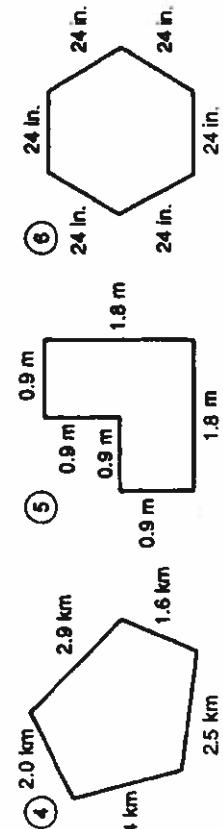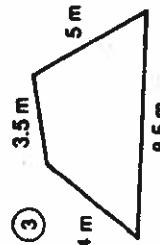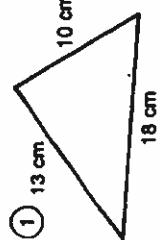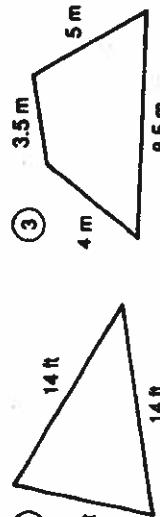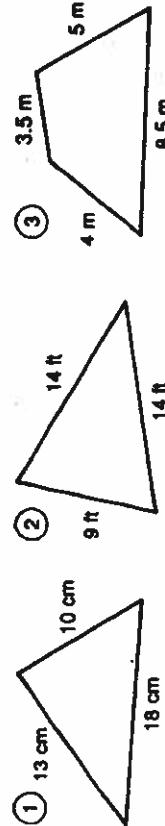
Find the perimeter of each rectangle.

⑦ 60 cm, 40 cm

⑧ 12.5 ft, 5 ft

⑨ 15 m, 8.2 m

⑩ $\ell = 48$ mm, $w = 32$ mm

⑪ $\ell = 6.2$ km, $w = 4.7$ km

⑫ $\ell = 12$ in., $w = 12$ in.
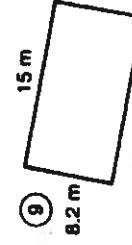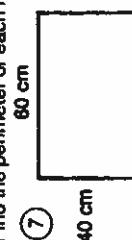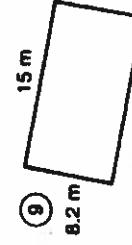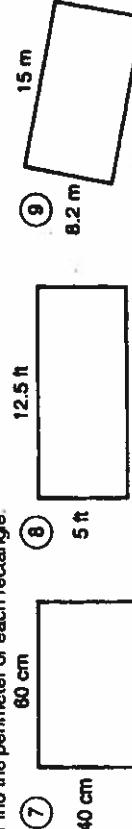
⑬ Find the perimeter of a sheet of typing paper $8\frac{1}{2}$ in. wide and 11 in. long.

⑭ How many feet of border are needed to go around a square bulletin board that is 4.5 ft on each side?

HE	TO	ST	SH	OT	OP	FL	OO	LS	OA	TT
48 in.	43.4 m	144 in.	18.6 km	18 ft	21 m	46.4 m	156 in.	37 ft	160 mm	32 ft
HE	AT	RA	IN	TO	SO	PI	PE	NG	DS	ET
180 cm	35 ft	184 mm	21.8 km	7.2 m	41 cm	42 in.	200 cm	39 in.	156 in.	11.4 km

TOPIC 4-a: Perimeter

Name _____ Date _____

3.4 Puzzle Time   Solve the problems and another piece of paper.

Why Was The Shoelace Told To Stay After School?

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

Use the Distributive Property to find the product.

1. 4×22

2. $\frac{1}{3} \times 3\frac{1}{2}$

3. $6(89)$

4. 17×51

5. $\frac{1}{9} \times 18\frac{1}{4}$

6. $7(6.2)$

Use the Distributive Property to simplify the expression.

7. $2(x - 8)$

8. $4(x + 5)$

9. $9(x - 3.2)$

10. $7\left(x - \frac{4}{7}\right)$

11. $6(9 + x)$

12. $8\left(\frac{3}{4} + x\right)$

Simplify the expression.

13. $8x + 18 - x - 9$

14. $6x + 4x - 3x$

15. $10(2 + x + 3)$

16. $4(x + 6) - 9$

17. $11 + 5(x + 3)$

18. $\frac{3}{5}x + 6(x - 2)$

19. $1.8(x - 4.2) + x$

20. $\frac{1}{3}\left(x + \frac{1}{2}\right) + 3x$

Answers for 1–6.

T. 88
K. 534
C. 43.4
T. $2\frac{1}{36}$
A. 867
O. $1\frac{1}{6}$

Answers for 7–20.

N. $8x + 6$
Y. $4x + 20$
W. $4x + 15$
N. $7x$
N. $2x - 16$
S. $6x + 54$
C. $2.8x - 7.56$
I. $5x + 26$
O. $7x + 9$
A. $9x - 28.8$
U. $\frac{33}{5}x - 12$
O. $\frac{10}{3}x + \frac{1}{6}$
T. $7x - 4$
T. $10x + 50$

13	4	19	6	2	16	12	10	1	17		11	9	18		3	14	20	5	15	8