

Name: Date:

Evaluate Expressions With Parentheses, Brackets, & Braces

1. $2\{2[24 + 4(23 - 14) - 25]\}$ = _____

2. $2\{10[12 + 4(20 - 10) + 30]\}$ = _____

3. $\{3 \times [(9 - 3)^2 - (21 - 19) \times 4]\} \div 2$ = _____

4. $10\{3[25 - 6(22 - 19) + 11]\}$ = _____

5. $2 \times \{76 - [(15 - 9)^2 - (5^2 - 3 \times 7)]\}$ = _____

6. $11^2 - \{3 \times [8 - (5^2 - 19)]\}$ = _____

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Answers

$$1. 2\{2[24 + 4(23 - 14) - 25]\} = \underline{140}$$

$$2. 2\{10[12 + 4(20 - 10) + 30]\} = \underline{1,640}$$

$$3. \{3 \times [(9 - 3)^2 - (21 - 19) \times 4]\} \div 2 = \underline{42}$$

$$4. 10\{3[25 - 6(22 - 19) + 11]\} = \underline{540}$$

$$5. 2 \times \{76 - [(15 - 9)^2 - (5^2 - 3 \times 7)]\} = \underline{88}$$

$$6. 11^2 - \{3 \times [8 - (5^2 - 19)]\} = \underline{115}$$