

Name:

PEMDAS Worksheet

Decimals

Simplify each expression using PEMDAS.

1) $[1.3 + (5.5)^2] \times 1.6 - 1.2$

3) $(1.7)^2 + 9.7 \times (6.5 - 3.1)$

5) $6.4 \times [3.3 + (1.5)^2 - 5.3]$

7) $1.8 \div 1.2 \times (5.3 + 2.5)^2$

2) $(2.8)^2 + 8.8 \times (2.5 \div 1.25)$

4) $(5.3 + 4.6 - 3.3)^2 \div 1.2$

6) $(3.7 + 2.1 - 3.8)^2 \times 1.2$

8) $[(2.5)^2 + 3.2] \times 4.6 \div 1.4$

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Answers

1) $[1.3 + (5.5)^2] \times 1.6 - 1.2$

49.28

3) $(1.7)^2 + 9.7 \times (6.5 - 3.1)$

35.87

5) $6.4 \times [3.3 + (1.5)^2 - 5.3]$

1.6

7) $1.8 \div 1.2 \times (5.3 + 2.5)^2$

91.26

2) $(2.8)^2 + 8.8 \times (2.5 \div 1.25)$

25.44

4) $(5.3 + 4.6 - 3.3)^2 \div 1.2$

36.3

6) $(3.7 + 2.1 - 3.8)^2 \times 1.2$

4.8

8) $[(2.5)^2 + 3.2] \times 4.6 \div 1.4$

31.05