

Practice Exercises for Chapter 6 – Mixing Up the Four Rules - BODMAS

Set A

1. Evaluate:

- a. $2 + 3 \times 5$
- b. $(2 + 3) \times 5$

2. Evaluate:

- a. $3 + 4 \times 2 + 5$
- b. $(3 + 4) \times 2 + 5$
- c. $3 + 4 \times (2 + 5)$
- d. $(3 + 4) \times (2 + 5)$
- e. $2 \times 4 + 4 \times 3$
- f. $2 \times (4 + 4) \times 3$
- g. $(2 \times 4 + 4) \times 3$
- h. $2 \times (4 + 4 \times 3)$
- i. $8 - 1 \times 3 - 1$
- j. $(8 - 1) \times 3 - 1$
- k. $8 - 1 \times (3 - 1)$
- l. $(8 - 1) \times (3 - 1)$
- m. $(12 - 4 \div 2) + 2$
- n. $12 - 4 \div (2 + 2)$
- o. $3 \times 2 + 4 \div 2$
- p. $(3 \times 2 + 4) \div 2$
- q. $3 \times (2 + 4 \div 2)$
- r. $[3 \times (2 + 4)] \div 2$

3. Do these two different ways, once by adding up the addition in the bracket and then again by distributing the multiplication across the addition:

- a. $(10 + 4) \times 7$
- b. $(100 + 20 + 2) \times 2$

4. Evaluate:

- a. $(10 - 8) - 5$
- b. $10 - (8 - 5)$
- c. $(24 \div 6) \div 2$
- d. $24 \div (6 \div 2)$