

Name: _____

ASM Tuition Academy
THE ORDER OF OPERATIONS

Instructions:

- Use **black** ink or ball-point pen.
- Answer all the questions.
- Answer the questions in the spaces provided
- there may be more space than you need.
- Diagrams are **NOT** accurately drawn, unless otherwise indicated.
- You must **show all you're working out**.

Information:

- The marks for each question are shown in brackets
- use this as a guide as to how much time to spend on each question.

Advice:

- Read each question carefully before you start to answer it.
- Keep an eye on time.
- Try to answer every question.
- Check your answers if you have time at the end.

Q1. Work out $4 \times 6 - 5$

Answer: _____

(Total for Question 1 is 1 mark)

Q2. Work out $3 + 5 \times 4$

Answer: _____

(Total for Question 2 is 1 mark)

Q3. Work out $(9 - 3) \times 4$

Answer: _____

(Total for Question 3 is 1 mark)

Q4. Work out $6 + 2^3$

Answer: _____

(Total for Question 4 is 1 mark)

Q5. Work out $8 \times 3 - 2 \times 5$

Answer: _____

(Total for Question 5 is 1 mark)

Q6. Work out $(4 + 3)^2$

Answer: _____

(Total for Question 6 is 1 mark)

Q7. Work out $9 + 18 \div 3$

Answer: _____

(Total for Question 7 is 1 mark)

Q8. Work out $4 + 12 \times 2^2$

Answer: _____

(Total for Question 8 is 1 mark)

Q9. Work out $25 - 3 \times 8$

Answer: _____

(Total for Question 9 is 1 mark)

Q10. Work out $6 + 3^3$

Answer: _____

(Total for Question 10 is 1 mark)

Q11. Work out $(8 - 5) \times (6 - 2)$

Answer: _____

(Total for Question 11 is 1 mark)

Q12. Work out $5^2 + 3 \times 4$

Answer: _____

(Total for Question 12 is 1 mark)

Q13. Work out $6 \times (9 - 4)$

Answer: _____

(Total for Question 13 is 1 mark)

Q14. Work out $7 + 3 \times 8 \div 2$

Answer: _____

(Total for Question 14 is 1 mark)

Q15. Work out $3 \times 7 + 21 \div 3$

Answer: _____

(Total for Question 15 is 1 mark)

Q16. Work out $5 - 4 + 3 \times 6$

Answer: _____

(Total for Question 17 is 1 mark)

Q17. Work out $5 + 6 \times 4 + 3$

Answer: _____

(Total for Question 17 is 1 mark)

Q18. Work out $3 + (6 + 2)^2$

Answer: _____

(Total for Question 18 is 1 mark)

Q19. Work out $(5 \times 12) \div (12 \div 3)$

Answer: _____

(Total for Question 19 is 1 mark)

Q20. Add brackets to make each statement correct:

a) $5 \times 6 + 2 = 40$

Corrected: _____

b) $4 + 5 \times 6 + 7 = 41$

Corrected: _____

c) $3 + 8 \times 6 + 2 = 53$

Corrected: _____

(Total for Question 20 is 3 marks)

Q21. Add brackets to make each statement correct:

a) $3 + 8 \times 4 + 5 = 40$

Corrected: _____

b) $5 \times 4 + 3 = 35$

Corrected: _____

c) $12 - 9 \times 2 + 6 = 24$

Corrected: _____

(Total for Question 20 is 3 marks)