

Name: \_\_\_\_\_

**ASM Tuition Academy**  
**WRITING AN EXPRESSION**

**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. An adult cinema ticket costs  $\pounds y$**

**The price of a kid's ticket is half the price of an adult ticket**

**Write an expression for the price, in pounds, of a kid's ticket.**

**$\pounds$  \_\_\_\_\_**

**(Total for Question 1 is 1 mark)**

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**Q2. Cook has  $n$  marbles.**

**Rosalind has 6 more marbles than Cook**

**Write an expression for the number of marbles Rosalind has.**

**(Total for Question 2 is 1 mark)**

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**Q3. A cup of juice costs  $\pounds a$**

**A cup of coffee costs  $\pounds b$**

**Write an expression, in pounds, for the cost of 5 cups of juice and 4 cups of coffee.**

**$\pounds$  \_\_\_\_\_**

**(Total for Question 3 is 1 mark)**

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**Q4. Ali is given  $m$  sweets.**

**He eats 5 of the sweets.**

**Write an expression for the number of sweets Ali now has.**

**(Total for Question 4 is 1 mark)**

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**Q5. Maya is paid  $\pounds y$  for each hour he works.**

**One week Maya works for 20 hours.**

**Write an expression for the total amount, in pounds, Maya is paid for this week.**

**$\pounds$  \_\_\_\_\_**

**(Total for Question 5 is 1 mark)**

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**Q6. Ali has “a” bags of marbles.**

**Each bag contains n marbles.**

**Write an expression, in terms of a and n, for the total number of marbles Ali has.**

**(Total for Question 6 is 1 mark)**

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**Q7. A train takes s minutes to get from London to Manchester**

**The same journey by car takes 50 minutes longer.**

**Write an expression for time, in minutes, it takes to travel from London to Manchester by car.**

**\_\_\_\_\_ minutes**  
**(Total for Question 7 is 1 mark)**

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**Q8. A school charges £5 for tickets to an event.**

**The school raises £y in total from ticket sales.**

**Write an expression for the total number of tickets sold by the school.**

**(Total for Question 8 is 1 mark)**

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**Q9. Isa is y years old.**

**Marie is twice as old as Isa.**

**Write an expression for Marie's age.**

**(Total for Question 9 is 1 mark)**

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**Q10. Mango costs 30p each.**

**Write an expression for the cost of b apples.**

**\_\_\_\_\_ pence**  
**(Total for Question 10 is 1 mark)**

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**Q11. Stokes is  $m$  years old.  
Rachel is 10 years older than Stokes  
(a) Write an expression for Rachel's age.**

\_\_\_\_\_ (1)

**Tim is 13 years younger than Stokes.  
(b) Write an expression for Tim's age.**

\_\_\_\_\_ (1)

**(c) Write an expression for the total age of Stokes, Rachel and Tim.**

\_\_\_\_\_ (2)

**(Total for Question 11 is 4 marks)**

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**Q12. Tea bags are sold in "a" small boxes and "b" large boxes.  
There are 100 tea bags in the small box.  
There are 240 tea bags in the large box.  
Maya buys  $x$  small boxes and  $y$  large boxes of tea bags.  
Write an expression for the total number of tea bags Maya buys.**

**(Total for Question 12 is 2 marks)**

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**Q13. A team scores:  
5 points for each try  
2 points for each conversion  
3 points for each penalty  
A team scores  $p$  tries,  $q$  conversions and  $r$  penalties.  
Write an expression for the total number of points the team scores.**

**(Total for Question 13 is 2 marks)**

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**Q14. Apples cost 25p each.**

**Bananas cost 20p each.**

**The total cost of  $m$  apples and  $n$  bananas is  $P$ .**

**Write a formula for the total cost of  $m$  apples and  $n$  bananas.**

**(Total for Question 14 is 2 marks)**

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**Q15. A child's ticket to see an event costs  $\pounds y$**

**An adult's ticket costs  $\pounds 5$  more than a child's ticket.**

**(a) Write an expression for the price, in pounds, of an adults ticket.**

**$\pounds$  \_\_\_\_\_ (1)**

**(b) Write an expression for the cost of one adult's ticket and two child's tickets.**

**$\pounds$  \_\_\_\_\_ (2)**

**(Total for Question 15 is 3 marks)**

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**Q16. A shop sells tissue papers in small packs and big packs.**

**There a 4 tissue papers in a small pack.**

**There are 9 tissue papers in a big pack.**

**The shop has  $p$  small packs and  $q$  big packs of tissue papers.**

**(a) Write an expression for the total number of packs of tissue papers the shop has.**

**\_\_\_\_\_ (1)**

**(b) Write an expression for the total number of tissue papers the shop has.**

**\_\_\_\_\_ (2)**

**(Total for Question 16 is 3 marks)**