Name: _____

ASM Tuition Academy

SOLVING ONE STEP EQUATIONS

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. Write a number in each box to make the calculation correct.
(i) 4 + □ = 14

(1)

(ii) 16−□=8

(1)

(Total for Question 1 is 2 marks)

Q2. Write a number in each box to make the calculation correct.
(i) □+4=15

(1)

(ii) 16=20−□

(1)

(Total for Question 2 is 2 marks)

Q3. Write a number in each box to make the calculation correct.
(i) □ − 7 = 14
(ii) 18 = 9 + □

(Total for Question 3 is 2 marks)

Q4. Solve y+6=18

y= _____
(Total for Question 4 is 1 mark)

Q5. Solve a/2 = 6.5

a= _____
(Total for Question 5 is 1 mark)

Q6. Solve 4b = 24

b= _____
(Total for Question 6 is 1 mark)

Q7. Solve 5a = 65

a= _____
(Total for Question 7 is 1 mark)

Q8. Solve n – 5 = 8

n= _____
(Total for Question 8 is 1 mark)

Q9. (a) Solve a + 9 = 14

a= _____ **(1)**

(b) Solve p + p + p = 12

p= _____ **(1)**
(Total for Question 9 is 2 marks)

Q10. Solve 5 + q = 8

q= _____
(Total for Question 10 is 1 mark)

Q11. (a) Solve y + y + y = 39

y= _____ **(1)**

(b) Solve 36/a = 9

a= _____ (1)

(c) Solve b−5=19

b= _____ (1)
(Total for Question 11 is 3 marks)

Q12. Solve m/3 = 7

m= _____
(Total for Question 12 is 1 mark)

Q13. Solve 20−n = 12

n= _____
(Total for Question 13 is 1 mark)

Q14. Solve 8p = 40

p=_____
(Total for Question 14 is 1 mark)