Name: _____

ASM Tuition Academy

Expanding and Factorizing

Instructions:

* Use blank ink or ball point pen.
* Answers all Questions
* Answers the Questions in the space provided
* Diagrams are not accurately drawn, unless otherwise indicated
* you must show all your working out

Information:

* the mark for each questions are shown in brackets

use this as a guide as to how much time to spend on each question

Advise:

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

1. **Expanding 6 (b + 5)**

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2. **3 (d + 2)**

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3. **a (b + c)**

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4. **d (3 – e)**

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5. **8 (i – 8)**

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6. **m (m + 10)**

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7. **9k (k + 6)**

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8. **9u (2v + 10)**

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9. $4c^2$ (2c + 8d)

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10. a (ab +ac)

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11. Factorizing 6c + 12

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12. 30a + 5

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13. 35g – 15g

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14. 18uv + 27v

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15. $50b^2c$ + 40b

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16. $28p^2$ – 49p

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17. $10m^2no + 18mn^2o$

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18. $36a^3b + 45ab$

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19. $48y^4 – 120y$

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20. $169gh^3 + 13g^2h$

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