Jackson's Classes on Udemy https://www.udemy.com/course/master-gre-math/?referralCode=E49AD9C835A2C850EAB1

1

$X + 5Y = 12$

$-X + 3Y = -4$

| Quantity A | Quantity B |
| --- | --- |
| X | 2 |

2

In a class there are 7 more girls than boys. The number of girls in the class is A.

| Quantity A | Quantity B |
| --- | --- |
| The total number of children in the class | 2A – 7 |

3

$X > 0$ and $Y > 0$

| Quantity A | Quantity B |
| --- | --- |
| $(3 + X)(5+Y)$ | $15 + XY$ |

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4 Anil owns X cars. Mukesh bought 5 more than half as many cars owned by Anil.

| Quantity A | Quantity B |
| --- | --- |
| Number of cars bought by Mukesh | (X + 7) / 2 |

5 X is not Zero.

$5/X + 1/6 = 1 / 3X$

| Quantity A | Quantity B |
| --- | --- |
| X | -3 |

6 $3X + 5 = 10$
$7Y + 2 = 15$

| Quantity A | Quantity B |
| --- | --- |
| X | Y |

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7 X + Y = -3

| Quantity A | Quantity B |
| --- | --- |
| X | Y |

8 A,B,C are 3 consecutive Even Integers such that A<B<C

| Quantity A | Quantity B |
| --- | --- |
| A+C -1 | 2B +1 |

9 A is an even Integer

| Quantity A | Quantity B |
| --- | --- |
| (1/7)^A | (-7)^A |

10 A is an negative even Integer

| Quantity A | Quantity B |
| --- | --- |
| (1/5)^A | (-5)^A |

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11 AB >0

| Quantity A | Quantity B |
| --- | --- |
| 4/A + 7 /B | (4B + 7A)/(A+B) |

12 A >0

| Quantity A | Quantity B |
| --- | --- |
| A/9 | 9/A |

13 A <0

| Quantity A | Quantity B |
| --- | --- |
| A/13 | 13/A |

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14 A machine produces widgets at a constant rate of 1 every 3 second

| Quantity A | Quantity B |
| --- | --- |
| Number of widgets produced in 3 hours | 9000 |

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# ANSWERS

1. A
2. C
3. A
4. A
5. B
6. B
7. D
8. B
9. D
10. A
11. D
12. D
13. D
14. B