



1. Which of the following equations is the same as $(-x) = 0$

(i) $(-x+3) = 3$ (ii) $(-x+3) = 1$ (iii) $(-x+3) = 5$ (iv) $(-x+2) = 3$ (v) $(-x+4) = 3$

2. Which of the following equations is the same as $(7x+6) = 0$

(i) $(7x+2) = (-6)$ (ii) $(7x-3) = (-4)$ (iii) $(7x+7) = (-4)$ (iv) $(7x+2) = (-4)$ (v) $(7x+2) = (-2)$

3. Which of the following equations is the same as $(-x-5) = 0$

(i) $(x+5) = 0$ (ii) $(x+5) = (-3)$ (iii) $(x+7) = 0$ (iv) $(x+3) = 0$ (v) $(x+5) = 3$

4. Which of the following equations is the same as $(-7x-1) = (-9)$

(i) $(-7x) = (-8)$ (ii) $(-7x+5) = (-8)$ (iii) $(-7x) = (-10)$ (iv) $(-7x) = (-6)$ (v) $(-7x-5) = (-8)$

5. Which of the following equations is the same as $(4x-2) = 2$

(i) $(4x-6) = (-2)$ (ii) $(4x-6) = 3$ (iii) $(4x-5) = (-2)$ (iv) $(4x-6) = (-7)$ (v) $(4x-7) = (-2)$

6. Which of the following equations is the same as $(-2x-1) = 6$

(i) $(2x+1) = (-6)$ (ii) $(2x+1) = (-3)$ (iii) $(2x+6) = (-6)$ (iv) $(2x-4) = (-6)$ (v) $(2x+1) = (-9)$

7. Which of the following equations is the same as $(7x-3) = (-5x+6)$

(i) $(7x-1) = (-5x+3)$ (ii) $(7x-4) = (-5x+8)$ (iii) $(7x-1) = (-5x+8)$ (iv) $(7x-1) = (-5x+13)$
(v) $(7x+2) = (-5x+8)$

8. Which of the following equations is the same as $(-x-8) = 6x$

(i) $(-x-9) = (6x-4)$ (ii) $(-x-9) = (6x-1)$ (iii) $(-x-9) = (6x+2)$ (iv) $(-x-7) = (6x-1)$
(v) $(-x-11) = (6x-1)$

9. Which of the following equations is the same as $(-2x+9) = (-x-5)$

(i) $(-4x+18) = (-2x-13)$ (ii) $(-4x+21) = (-2x-10)$ (iii) $(-4x+18) = (-2x-7)$
(iv) $(-4x+15) = (-2x-10)$ (v) $(-4x+18) = (-2x-10)$

10. Which of the following equations is not the same as $(-6x+4) = 0$

(i) $(-6x+3) = (-1)$ (ii) $(-6x+6) = 2$ (iii) $(-6x+2) = (-2)$ (iv) $(-6x+8) = (-4)$ (v) $(-6x+5) = 1$

11. Which of the following equations is not the same as $(-x-3) = 0$

(i) $(-x-4) = (-1)$ (ii) $(-x-2) = 1$ (iii) $(-x+1) = 4$ (iv) $(-x-7) = (-4)$ (v) $(-x-8) = 5$

12. Which of the following equations is not the same as $(-8x-1) = 0$

(i) $(32x+4) = (-4)$ (ii) $(40x+5) = 0$ (iii) $(-24x-3) = 0$ (iv) $(16x+2) = 0$ (v) $(-16x-2) = 0$

13. Which of the following equations is not the same as $(-9x+7)=3$

(i) $(-9x+12)=8$ (ii) $(-9x+6)=2$ (iii) $(-9x+10)=0$ (iv) $(-9x+8)=4$ (v) $(-9x+2)=(-2)$

14. Which of the following equations is not the same as $(-6x+4)=9$

(i) $(-6x)=5$ (ii) $(-6x-1)=4$ (iii) $(-6x+9)=14$ (iv) $(-6x+3)=10$ (v) $(-6x+8)=13$

15. Which of the following equations is not the same as $(-x-5)=(-5)$

(i) $(x+5)=5$ (ii) $(-2x-10)=(-10)$ (iii) $(-4x-20)=(-1)$ (iv) $(-3x-15)=(-15)$
(v) $(-5x-25)=(-25)$

16. Which of the following equations is not the same as $(5x+7)=(7x+7)$

(i) $(5x+9)=(7x+5)$ (ii) $(5x+8)=(7x+8)$ (iii) $(5x+11)=(7x+11)$ (iv) $(5x+3)=(7x+3)$
(v) $(5x+6)=(7x+6)$

17. Which of the following equations is not the same as $(-3x+8)=(4x+9)$

(i) $(-3x+5)=(4x+12)$ (ii) $(-3x+6)=(4x+7)$ (iii) $(-3x+3)=(4x+4)$ (iv) $(-3x+10)=(4x+11)$
(v) $(-3x+13)=(4x+14)$

18. Which of the following equations is not the same as $(-9x+6)=(-6x+3)$

(i) $(-27x+18)=(-6x+6)$ (ii) $(27x-18)=(18x-9)$ (iii) $(45x-30)=(30x-15)$
(iv) $(-45x+30)=(-30x+15)$ (v) $(9x-6)=(6x-3)$

19. Which of the following equations is the same as $(-x+1)=0$

(i) $(-9x+6)=(8x-5)$ (ii) $(7x-4)=(-8x+5)$ (iii) $3x=(-4x+1)$ (iv) $(-5x+2)=(4x-1)$
(v) $(7x-4)=(8x-5)$

20. Which of the following equations is the same as $(-3x)=0$

(i) $(-4x)=x$ (ii) $(-2x)=x$ (iii) $(-2x)=(-x)$ (iv) $(4x-3)=(-7x+3)$ (v) $(-10x+3)=(7x-3)$

21. Which of the following equations is the same as $(-2x-2)=(-3)$

(i) $(-11x-3)=(9x-2)$ (ii) $(7x-1)=(9x-2)$ (iii) $(-5x+2)=(3x-7)$ (iv) $(x-6)=(-3x+1)$
(v) $(7x-1)=(-9x-4)$

22. Which of the following equations is the same as $(-6x-6)=7$

(i) $(-3x+2)=(3x+15)$ (ii) $(-4x-13)=(-2x+14)$ (iii) $(-3x+2)=(-3x-1)$ (iv) $(-9x-14)=(3x+15)$
(v) $(-8x+1)=2x$

23. Which of the following equations is the same as $(-3x-7)=(-x+7)$

(i) $(2x-5)=(-6x+5)$ (ii) $(-4x-16)=16$ (iii) $(-8x-9)=(4x+9)$ (iv) $(-2x+2)=(-2x-2)$
(v) $(-2x+2)=16$

24. Which of the following equations is the same as $(-8x-6) = (8x-2)$

- (i) $(-9x-4) = 7x$ (ii) $(-9x-4) = (9x-4)$ (iii) $(-4x-3) = (4x-5)$ (iv) $(-7x-8) = 7x$
- (v) $(-12x-9) = (12x+1)$

25. Which of the following equations is not the same as $(2x-7) = 0$

- (i) $(9x+1) = (7x+8)$ (ii) $(9x+1) = (-7x-8)$ (iii) $(-2x-8) = (-4x-1)$ (iv) $(-5x-15) = (-7x-8)$
- (v) $(6x-6) = (4x+1)$

26. Which of the following equations is not the same as $(2x+9) = 0$

- (i) $(4x+4) = (-2x+5)$ (ii) $(-4x+8) = (-6x-1)$ (iii) $(8x+10) = (6x+1)$ (iv) $(4x+4) = (2x-5)$
- (v) $14 = (-2x+5)$

27. Which of the following equations is not the same as $(6x-6) = (-2)$

- (i) $(-x-15) = (-7x-11)$ (ii) $(5x-7) = (-x-3)$ (iii) $(5x-7) = (x-1)$ (iv) $(7x-5) = (x-1)$
- (v) $(13x+3) = (7x+7)$

28. Which of the following equations is not the same as $(6x+1) = 9$

- (i) $(13x+9) = (7x+17)$ (ii) $(7x+2) = (x+10)$ (iii) $(-x-7) = (-7x+1)$ (iv) $5x = (x+10)$
- (v) $5x = (-x+8)$

29. Which of the following equations is not the same as $(-5x+6) = (3x+4)$

- (i) $(-6x+13) = (2x+11)$ (ii) $(-4x-1) = (4x-3)$ (iii) $(-7x+11) = (5x-1)$ (iv) $(-7x+11) = (x+9)$
- (v) $(-3x+1) = (5x-1)$

30. Which of the following equations is not the same as $(3x+8) = (4x-1)$

- (i) $(9x+9) = (-2x-2)$ (ii) $(-2x+12) = (-x+3)$ (iii) $(8x+4) = (9x-5)$ (iv) $(9x+9) = 10x$
- (v) $(-3x+7) = (-2x-2)$

31. Which of the following equations is equivalent to $(-8x-4) = 0$

- (i) $(-8x) = 4$ (ii) $(-8x) = 5$ (iii) $(-8x) = 3$ (iv) $(-8x) = (-1)$ (v) $(-8x) = 9$

32. Which of the following equations is equivalent to $(-7x+8) = (-6)$

- (i) $(-7x) = (-15)$ (ii) $(-7x) = (-13)$ (iii) $(-7x) = (-14)$ (iv) $(-7x) = (-17)$ (v) $(-7x) = (-11)$

33. Which of the following equations is equivalent to $(-7x-6) = (-8x+6)$

- (i) $x = 10$ (ii) $x = 8$ (iii) $x = 16$ (iv) $x = 12$ (v) $x = 14$

34. Which of the following equations is not equivalent to $(-4x+7) = 0$

- (i) $(-4x) = (-7)$ (ii) $(-4x) = (-4)$ (iii) $12x = 21$ (iv) $(-16x) = (-28)$ (v) $4x = 7$

35. Which of the following equations is not equivalent to $(-7x) = 9$

- (i) $(-28x) = 36$ (ii) $21x = (-27)$ (iii) $(-7x) = 10$ (iv) $35x = (-45)$ (v) $14x = (-18)$

36. Which of the following equations is not equivalent to $(-7x-9) = (-5x-1)$

- (i) $2x = -8$
- (ii) $(-4x) = 16$
- (iii) $(-8x) = 32$
- (iv) $(-2x) = 5$
- (v) $(-2x) = 8$

Assignment Key

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|-----------|-----------|-----------|----------|-----------|----------|
| 1) (i) | 2) (iv) | 3) (i) | 4) (i) | 5) (i) | 6) (i) |
| 7) (iii) | 8) (ii) | 9) (v) | 10) (iv) | 11) (v) | 12) (i) |
| 13) (iii) | 14) (iv) | 15) (iii) | 16) (i) | 17) (i) | 18) (i) |
| 19) (v) | 20) (ii) | 21) (ii) | 22) (i) | 23) (v) | 24) (i) |
| 25) (ii) | 26) (i) | 27) (iii) | 28) (iv) | 29) (iii) | 30) (i) |
| 31) (i) | 32) (iii) | 33) (iv) | 34) (ii) | 35) (iii) | 36) (iv) |