



1. Which of the following equations is the same as $(-2x+3)=0$

- (i) $(-2x+7)=6$ (ii) $(-2x+7)=2$ (iii) $(-2x+12)=4$ (iv) $(-2x+7)=4$ (v) $(-2x+2)=4$

2. Which of the following equations is the same as $(4x-7)=0$

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

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

- (i) $(4x+14)=(-3)$ (ii) $(4x+14)=3$ (iii) $(4x+14)=0$ (iv) $(4x+18)=0$ (v) $(4x+10)=0$

4. Which of the following equations is the same as $(-8x-1)=(-2)$

- (i) $(-8x+1)=0$ (ii) $(-8x+1)=(-4)$ (iii) $(-8x+4)=0$ (iv) $(-8x-2)=0$ (v) $(-8x+1)=4$

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

- (i) $(2x+4)=8$ (ii) $(2x+4)=0$ (iii) $(2x+9)=4$ (iv) $(2x-1)=4$ (v) $(2x+4)=4$

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

- (i) $(-14x-14)=18$ (ii) $(-14x-14)=19$ (iii) $(-14x-18)=18$ (iv) $(-14x-10)=18$
(v) $(-14x-14)=17$

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

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

8. Which of the following equations is the same as $(-3x+2)=(3x+8)$

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

9. Which of the following equations is the same as $(2x+1)=(x+8)$

- (i) $(-6x-6)=(-3x-24)$ (ii) $(-6x-3)=(-3x-23)$ (iii) $(-6x-3)=(-3x-24)$ (iv) $(-6x)=(-3x-24)$
(v) $(-6x-3)=(-3x-25)$

10. Which of the following equations is not the same as $(-8x+3)=0$

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

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

- (i) $(-x-11)=(-4)$ (ii) $(-x-9)=2$ (iii) $(-x-12)=(-5)$ (iv) $(-x-3)=4$ (v) $(-x-2)=5$

12. Which of the following equations is not the same as $(-8x-7)=0$

- (i) $(-24x-21)=3$ (ii) $(-32x-28)=0$ (iii) $(24x+21)=0$ (iv) $(16x+14)=0$ (v) $(32x+28)=0$

13. Which of the following equations is not the same as $(-3x-7)=(-5)$

- (i) $(-3x-5)=(-3)$ (ii) $(-3x-9)=(-7)$ (iii) $(-3x-12)=(-10)$ (iv) $(-3x-2)=0$ (v) $(-3x-3)=(-9)$

14. Which of the following equations is not the same as $(-4x-5)=1$

- (i) $(-4x-4)=2$ (ii) $(-4x-7)=(-1)$ (iii) $(-4x-6)=0$ (iv) $(-4x-3)=3$ (v) $(-4x-10)=6$

15. Which of the following equations is not the same as $(2x-6)=3$

- (i) $(10x-30)=8$ (ii) $(-8x+24)=(-12)$ (iii) $(-6x+18)=(-9)$ (iv) $(-2x+6)=(-3)$ (v) $(4x-12)=6$

16. Which of the following equations is not the same as $(-8x-6)=(6x-7)$

- (i) $(-8x-4)=(6x-9)$ (ii) $(-8x-1)=(6x-2)$ (iii) $(-8x-5)=(6x-6)$ (iv) $(-8x-7)=(6x-8)$
(v) $(-8x-11)=(6x-12)$

17. Which of the following equations is not the same as $(9x+8)=(3x+6)$

- (i) $(9x+7)=(3x+7)$ (ii) $(9x+12)=(3x+10)$ (iii) $(9x+13)=(3x+11)$ (iv) $(9x+4)=(3x+2)$
(v) $(9x+3)=(3x+1)$

18. Which of the following equations is not the same as $(-3x)=(5x-3)$

- (i) $15x=(-25x+15)$ (ii) $(-9x)=5x$ (iii) $(-6x)=(10x-6)$ (iv) $6x=(-10x+6)$ (v) $(-12x)=(20x-12)$

19. Which of the following equations is the same as $(-4x+3)=0$

- (i) $(-8x-6)=(-4x-9)$ (ii) $(-5x-6)=(x+9)$ (iii) $12=(-4x-9)$ (iv) $(-8x-6)=(4x+9)$
(v) $(-3x+12)=(-x-9)$

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

- (i) $(-7x-4)=(6x+7)$ (ii) $0=(-x+3)$ (iii) $(-2x+6)=(x-3)$ (iv) $(5x+10)=(-6x-7)$ (v) $0=(x-3)$

21. Which of the following equations is the same as $(8x+7)=1$

- (i) $(16x+16)=(-8x-8)$ (ii) $14x=(-6x+8)$ (iii) $(2x+14)=(-6x+8)$ (iv) $(2x+14)=(6x-6)$
(v) $(-2)=(8x+10)$

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

- (i) $(8x+13)=(-9x-2)$ (ii) $(x+6)=(-2x+5)$ (iii) $(-3x+12)=(2x-1)$ (iv) $(-3x+12)=(-2x+5)$
(v) $(-10x+5)=(9x+6)$

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

- (i) $1=(2x+1)$ (ii) $(6x-3)=(-4x+5)$ (iii) $1=(-8x+13)$ (iv) $(10x-11)=(-8x+13)$
(v) $(4x-7)=(-2x+9)$

24. Which of the following equations is the same as $(-4x+8)=(-3x-8)$

- (i) $(-7x+7)=(-7)$ (ii) $(-12x+9)=(-11x-7)$ (iii) $(-12x+9)=(5x-9)$ (iv) $(4x+7)=(-11x-7)$
(v) $(-x+9)=(-6x-9)$

25. Which of the following equations is not the same as $(9x-4)=0$

- (i) $(12x-8)=(3x-4)$ (ii) $(14x+2)=(-5x-6)$ (iii) $(4x-10)=(-5x-6)$ (iv) $(14x+2)=(5x+6)$
(v) $6x=(-3x+4)$

26. Which of the following equations is not the same as $(5x+3)=0$

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

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

- (i) $(8x-4)=(7x+12)$ (ii) $(-6x-14)=(-7x+2)$ (iii) $(-6x-14)=(7x+12)$ (iv) $(7x-16)=6x$
(v) $(-5x-2)=(-6x+14)$

28. Which of the following equations is not the same as $(-4x+7)=(-7)$

- (i) $(-9x)=(-5x-14)$ (ii) $(-12x+6)=(-8x-8)$ (iii) $(4x+8)=(8x-6)$ (iv) $(x+14)=(-5x-14)$
(v) $(x+14)=5x$

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

- (i) $(-x-3)=(17x-6)$ (ii) $(-10x+11)=(10x-2)$ (iii) $(-8x+1)=(10x-2)$ (iv) $(-10x+11)=(8x+8)$
(v) $(-17x+15)=(x+12)$

30. Which of the following equations is not the same as $(-x-2)=(-7x-6)$

- (i) $(-8x-5)=(-14x-9)$ (ii) $(-2x-11)=(-8x-15)$ (iii) $(-8x-5)=(-3)$ (iv) $(6x+1)=(-3)$
(v) $7=(-6x+3)$

31. Which of the following equations is equivalent to $(4x+9)=0$

- (i) $4x=(-14)$ (ii) $4x=(-5)$ (iii) $4x=(-9)$ (iv) $4x=(-13)$ (v) $4x=(-4)$

32. Which of the following equations is equivalent to $(-8x+2)=4$

- (i) $(-8x)=7$ (ii) $(-8x)=0$ (iii) $(-8x)=(-3)$ (iv) $(-8x)=4$ (v) $(-8x)=2$

33. Which of the following equations is equivalent to $(-9x-7)=(7x-6)$

- (i) $(-16x)=2$ (ii) $(-16x)=1$ (iii) $(-16x)=5$ (iv) $(-16x)=(-3)$ (v) $(-16x)=0$

34. Which of the following equations is not equivalent to $(7x+9)=0$

- (i) $28x=(-36)$ (ii) $(-28x)=36$ (iii) $14x=(-18)$ (iv) $7x=(-12)$ (v) $21x=(-27)$

35. Which of the following equations is not equivalent to $(7x-2)=9$

- (i) $7x=11$ (ii) $7x=7$ (iii) $35x=55$ (iv) $14x=22$ (v) $(-35x)=(-55)$

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

(i) $(-30x) = (-3)$ (ii) $(-40x) = (-4)$ (iii) $10x = (-1)$ (iv) $10x = 1$ (v) $20x = 2$

Assignment Key

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