

Topic Test - Equations & Inequalities ( Theta Level )  
Answer Key

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|-----|-------------------|-----|---------------|
| 1.  | $x > \frac{2}{3}$ | 11. | 12            |
| 2.  | 25                | 12. | 7             |
| 3.  | $-\frac{7}{25}$   | 13. | 9             |
| 4.  | $\frac{1}{3}$     | 14. | 12            |
| 5.  | $-\frac{80}{9}$   | 15. | 5             |
| 6.  | 10                | 16. | 7             |
| 7.  | $-\frac{2}{13}$   | 17. | 7             |
| 8.  | 2                 | 18. | $x < -8$      |
| 9.  | 192.5             | 19. | -10           |
| 10. | 15                | 20. | $\frac{2}{5}$ |