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|  | FMP 10 Mock Exam  Version A | | |
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| 5 | Determine the least common multiple of 15,20,24,27.   1. 1080 2. 40 3. 30 4. A LCM does not exist | | |
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| 27 | Mission Secondary school collected clothing and books for a fundraiser. They collected a total of 2100 kg. The fundraiser pays $0.50/ kg of clothing and $0.10/kg of books. They raised a total of $690. Let x represent clothing and y represent books.  Which of the following linear systems represent the above situation:  a. x+y=2100 x+y=690  b. x+y=2100 0.5x+0.1y=690  c. x+y=690 0.5x+0.1y=2100  d. 0.5x+0.1y=2100 0.5x+0.1y=690 | | |
| 28 | Solve the following linear system:       1. (5,10) 2. (10,25) 3. Infinite Solutions 4. No solution | | |
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| 38 | **Record your answer neatly on the Answer Sheet.** | | |
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| 3 | | A |
| 4 | | A |
| 5 | | A |
| 6 | | C |
| 7 | | B |
| 8 | | C |
| 9 | | D |
| 10 | | B |
| 11 | | D |
| 12 | | B |
| 13 | | C |
| 14 | | C |
| 15 | | D |
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| 17 | | B |
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| 20 | | D |
| 21 | | A |
| 22 | | D |
| 23 | | B |
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| 27 | | C |
| 28 | | B |
| 29 | | C |
| 30 | | C |
| 31 | | C |
| 32 | | B |
| 33 | | A |
| 34 | | D |
| 35 | | ZERO -0 |
| 36 | | 64 |
| 37 | | VARIES ON PRINTER |
| 38 | | 150 |
| 39 | | 72 |
| 40 | | 38.79 |