

CONICS

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|----|--|-----|---|-----|---|-----|---|
| 1 | A | 51 | B | 101 | C | 150 | B |
| 2 | C | 52 | D | 102 | C | 151 | B |
| 3 | C | 53 | C | 103 | A | 152 | D |
| 4 | C | 54 | 17.889 | 104 | B | 153 | D |
| 5 | A | 55 | D | 105 | 43.97 cm | 154 | $\frac{(y-1)^2}{4} - \frac{(x+4)^2}{9} = 1$ |
| 6 | B | 56 | D | 106 | $y = 9x - 67$ | 155 | B |
| 7 | D | 57 | D | 107 | 21.2 cm | 156 | B |
| 8 | C | 58 | D | 108 | A | 157 | C |
| 9 | D | 59 | C | 109 | A | 158 | D |
| 10 | A | 60 | B | 110 | D | 159 | $\frac{(y+2)^2}{9} - \frac{(x-1)^2}{4} = 1$ |
| 11 | A | 61 | $y = \frac{1}{8}(x-2)^2 + 3$ | 111 | 9.045 m | 160 | C |
| 12 | A | 62 | $(x+3)^2 + (y+3)^2 = 4$ | 112 | C | 161 | B |
| 13 | A | 63 | D | 113 | A | 162 | D |
| 14 | $k = -2, 1, -1$ | 64 | D | 114 | B | 163 | A |
| 15 | $\frac{(x-3)^2}{4} - \frac{(y+2)^2}{36} = 1$ | 65 | A | 115 | 24 m | 164 | $\frac{(x+2)^2}{16} + \frac{(y+4)^2}{9} = 1$ |
| 16 | A | 66 | A | 116 | B | 165 | D |
| 17 | A | 67 | A | 117 | A | 166 | D |
| 18 | D | 68 | 23.42 m | 118 | C | 167 | B |
| 19 | C | 69 | C | 119 | B | 168 | B |
| 20 | D | 70 | D | 120 | $\frac{(x-4)^2}{36} - \frac{(y+2)^2}{16} = 1$ | 169 | $x = -2(y+3)^2 - 5$ |
| 21 | C | 71 | B | 121 | A | 170 | $\frac{(y-1)^2}{16} - \frac{(x+4)^2}{36} = 1$ |
| 22 | 34.7 m | 72 | B | 122 | C | 171 | C |
| 23 | A | 73 | B | 123 | 6.656 cm | 172 | B |
| 24 | B | 74 | B | 124 | C | 173 | C |
| 25 | C | 75 | C | 125 | B | 174 | B |
| 26 | A | 76 | B | 126 | B | 175 | $\frac{(x-1)^2}{4} - \frac{(y+3)^2}{6} = 1$ |
| 27 | A | 77 | B | 127 | B | 176 | $\frac{(y-2)^2}{4} - \frac{(x+1)^2}{16} = 1$ |
| 28 | B | 78 | 6.4 m | 128 | a) $\frac{(x-3)^2}{25} + \frac{(y-2)^2}{4} = 1$ | 177 | C |
| 29 | D | 79 | D | | b) 0.4, 3.6 | 178 | C |
| 30 | D | 80 | C | 129 | 12.28 cm | 179 | A |
| 31 | A | 81 | C | 130 | A | 180 | $\frac{(x-3)^2}{12} + \frac{(y-2)^2}{16} = 1$ |
| 32 | C | 82 | C | 131 | C | 181 | D |
| 33 | A | 83 | B | 132 | B | 182 | $(x+1)^2 + (y+1)^2 = 10$ |
| 34 | C | 84 | B | 133 | B | 183 | A |
| 35 | A | 85 | D | 134 | A | 184 | C |
| 36 | D | 86 | C | 135 | B | 185 | $x = -\frac{3}{4}(y+2)^2 + 5$ |
| 37 | D | 87 | D | 136 | C | 186 | D |
| 38 | D | 88 | B | 137 | D | 187 | C |
| 39 | C | 89 | D | 138 | $\frac{(x+2)^2}{16} + \frac{(y-1)^2}{25} = 1$ | 188 | D |
| 40 | A | 90 | B | 139 | A | 189 | B |
| 41 | D | 91 | B | 140 | B | 190 | A |
| 42 | A | 92 | D | 141 | B | 191 | A |
| 43 | 14.93 m | 93 | $\frac{(y-4)^2}{36} - \frac{(x-1)^2}{16} = 1$ | 142 | B | 192 | D |
| 44 | C | 94 | D | 143 | A | 193 | B |
| 45 | C | 95 | D | 144 | $x = -2(y+3)^2 + 2$ | 194 | D |
| 46 | D | 96 | C | 145 | A | | |
| 47 | C | 97 | D | 146 | D | | |
| 48 | A | 98 | 14.14 m | 147 | D | | |
| 49 | A | 99 | D | 148 | D | | |
| 50 | A | 100 | B | 149 | $\frac{(x-2)^2}{16} - \frac{(y+3)^2}{9} = 1$ | | |