Answer the first problem. Circle your answer. Find your answer among the choices. Put #2 in the problem blank. Answer that question and proceed in this manner until finished.

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| --- | --- |
| Answer: 7x2y2(x-5x3) #\_\_\_\_  Simplify  6x + 13x | Answer: 2(3x – 2) #\_\_\_\_  Factor out the GCF  10x3 – 25x2 + 20 |
| Answer: -60x3 +36x2 – 48x #\_\_\_\_  Multiply  (x + 6)(x – 4) | Answer: 9x5(x7 – 4x2 + 9) #\_\_\_\_    Factor out the GCF  13xy3 + 39x2y4 |
| Answer: 5( 2x3 -5x2 + 4) #\_\_\_\_  Factor out the GCF  9x12 -36x7 + 81x5 | Answer: 8x2 - 3x +4 #\_\_\_\_  Simplify  (2x3 -5x2 -1) – (8x3 +3 -8x2) |
| Answer: -6x3 + 3x2 – 4 #\_\_\_\_  Simplify  (-7x3 +3x -1) – (6x2 + x + 4) | Answer: 9x2 + 42x + 49 #\_\_\_\_  Multiply  (x + 8)(x - 8) |
| Answer: x2 - 24x + 144 #\_\_\_\_  Factor out the GCF  6x - 4 | Answer: -7x3 + 6x2 +2x – 5 #\_\_\_\_  Simplify  8x(x +6) |
| Answer: -5x2 + 5x #\_\_\_\_  Simplify  4x2(9x3 + 8x2 – 11) | Answer: x2 + x – 56 #\_\_\_\_  Multiply  (x + 1)2 |
| Answer: x2 + 2x + 1 #\_\_\_\_    Multiply  (3x + 7)2 | Answer: 36x5 + 32x4 -44x2  #\_\_\_\_  Multiply  12x (-5x2 +3x - 4) |
| Answer: x2 + 2x – 24 #\_\_\_\_  Multiply  (4x – 2)(x + 3) | Answer: x2 – 64 #\_\_\_\_  Multiply  (x + 15)(x - 15) |
| Answer: x2 – 225 #\_\_\_\_  Multiply  (x – 12)2 | Answer: 19x #\_\_\_\_  Simplify  (5x2 + 9) + (3x2 + 6) |
| Answer: 8x2 + 48x #\_\_\_\_  Simplify  -5x (x – 1) | Answer: 4x2 +10x – 6 #\_\_\_\_  Multiply  (x – 7)(x + 8) |
| Answer: 8x2 + 15 #\_\_\_\_  Simplify  (x2 + x - 4) + (7x2 – 4x + 8) | Answer: 13xy3 (1 + 3xy) #\_\_\_\_  Factor out the GCF  7x2y3 – 35x5y2 |