

Can You Decipher the Quotation?

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 $\frac{10}{8}$ $\frac{17}{4}$ $\frac{10}{13}$ $\frac{16}{13}$ $\frac{15}{5}$ $\frac{13}{10}$ $\frac{17}{15}$ $\frac{14}{9}$ $\frac{15}{10}$ $\frac{13}{15}$ $\frac{12}{9}$ $\frac{4}{9}$ $\frac{11}{14}$ $\frac{17}{17}$ $\frac{13}{8}$ $\frac{11}{10}$ $\frac{8}{14}$ $\frac{2}{7}$ $\frac{14}{7}$
 $\frac{17}{17}$ $\frac{11}{4}$ $\frac{10}{13}$ $\frac{15}{13}$ $\frac{4}{9}$ $\frac{10}{5}$ $\frac{16}{10}$ $\frac{17}{15}$ $\frac{13}{9}$; $\frac{17}{17}$ $\frac{11}{11}$ $\frac{14}{14}$ $\frac{5}{5}$ $\frac{8}{8}$ $\frac{10}{10}$ $\frac{15}{15}$
 $\frac{17}{17}$ $\frac{11}{11}$ $\frac{10}{10}$ $\frac{15}{15}$ $\frac{4}{4}$ $\frac{10}{10}$ $\frac{16}{16}$ $\frac{17}{17}$ $\frac{13}{13}$ $\frac{12}{12}$ $\frac{16}{16}$ $\frac{14}{14}$ $\frac{10}{10}$ $\frac{17}{17}$ $\frac{1}{1}$ $\frac{14}{14}$ $\frac{7}{7}$ $\frac{7}{7}$ ”
 —
 $\frac{6}{6}$ $\frac{14}{14}$ $\frac{15}{15}$ $\frac{14}{14}$ $\frac{9}{9}$ $\frac{14}{14}$ $\frac{16}{16}$ $\frac{3}{3}$ $\frac{8}{8}$ $\frac{6}{6}$ $\frac{17}{17}$ $\frac{14}{14}$ $\frac{16}{16}$

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|-------------------------|-------------------------|-------------------------|-------------------------|-------------------------|
| A
$(x - 9)(x + 11)$ | B
$(x + 13)(x - 11)$ | C
$(x - 13)(x + 11)$ | D
$(x - 3)(x + 4)$ | E
$(x - 9)(x - 3)$ |
| F
$(x + 3)(x + 12)$ | G
$(x + 11)(x + 9)$ | H
$(3x + 1)(4x - 3)$ | I
$(4x + 5)(x + 1)$ | J
$(4x + 1)(x + 5)$ |
| K
$(x - 3)(x + 12)$ | L
$(x - 3)(x - 12)$ | M
$(x + 12)^2$ | N
$(x - 5)(x - 3)$ | O
$(x + 5)^2$ |
| P
$(x - 5)(x + 3)$ | Q
$(x + 3)(x - 12)$ | R
$(x - 4)(x + 4)$ | S
$(x - 20)(x + 11)$ | T
$(x + 9)^2$ |
| U
$(x - 11)(x + 11)$ | V
$(x - 11)^2$ | W
$(x - 5)(x + 5)$ | X
$(x - 11)(x + 20)$ | Y
$(3x - 1)(4x + 3)$ |
| Z
$(x + 9)(x - 11)$ | | | | |

Factor the polynomials. Write the matching letters into the numbered blanks above.

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|----------------------|----------------------|----------------------|
| 1) $x^2 - 25$ | 7) $x^2 - 15x + 36$ | 13) $x^2 + 10x + 25$ |
| 2) $x^2 - 22x + 121$ | 8) $x^2 + 2x - 99$ | 14) $x^2 - 12x + 27$ |
| 3) $x^2 - 2x - 143$ | 9) $x^2 + x - 12$ | 15) $x^2 - 8x + 15$ |
| 4) $x^2 + 20x + 99$ | 10) $4x^2 + 9x + 5$ | 16) $x^2 - 9x - 220$ |
| 5) $x^2 + 24x + 144$ | 11) $12x^2 - 5x - 3$ | 17) $x^2 + 18x + 81$ |
| 6) $x^2 - 16$ | 12) $x^2 - 121$ | |