

Name:

Week13.Lesson1&2-ReduceingAlgebraicEquations

Date:

(1) $\frac{x^2-16}{x^2-29x+100}$

(2) $\frac{x^2+5x-66}{x^2+7x-44}$

(3) $\frac{x^2-3x-54}{x^2-81}$

(4) $\frac{x^2+20x+100}{x^2-100}$

(5) $\frac{x^2+16x+48}{x^2+20x+96}$

(6) $\frac{x^2+9x+8}{x^2-x-72}$

(7) $\frac{x^2-4}{x^2+58x+112}$

(8) $\frac{x^2+3x-88}{x^2-64}$

(9) $\frac{x^2+6x-55}{x^2+2x-99}$

(10) $\frac{x^2+31x+130}{x^2-4x-45}$

(11) $\frac{x^2+13x+30}{x^2+12x+20}$

(12) $\frac{x^2-36}{x^2-19x+78}$

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$$(13) \frac{x^2+11x-12}{x^2-144}$$

$$(14) \frac{x^2+2x+1}{x^2+14x+13}$$

$$(15) \frac{2x^2+93x+135}{4x^2-9}$$

$$(16) \frac{5x^2+91x+102}{25x^2-36}$$

$$(17) \frac{x^2+5x-6}{x^2-36}$$

$$(18) \frac{5x^2-189x-440}{25x^2-121}$$

$$(19) \frac{x^2+4x+3}{x^2+30x+81}$$

$$(20) \frac{25x^2-121}{5x^2-169x-396}$$

$$(21) \frac{2x^2+165x+82}{4x^2-1}$$

$$(22) \frac{4x^2-121}{2x^2-101x-616}$$

$$(23) \frac{x^2-11x+30}{x^2-36}$$

$$(24) \frac{4x^2-9}{2x^2+x-3}$$

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(25) $\frac{9x^2-100}{3x^2+14x-80}$

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Version 1 Answer Key!

(1) $\frac{(x+4)}{(x-25)}$

(2) $\frac{(x-6)}{(x-4)}$

(3) $\frac{(x+6)}{(x+9)}$

(4) $\frac{(x+10)}{(x-10)}$

(5) $\frac{(x+4)}{(x+8)}$

(6) $\frac{(x+1)}{(x-9)}$

(7) $\frac{(x-2)}{(x+56)}$

(8) $\frac{(x+11)}{(x+8)}$

(9) $\frac{(x-5)}{(x-9)}$

(10) $\frac{(x+26)}{(x-9)}$

(11) $\frac{(x+3)}{(x+2)}$

(12) $\frac{(x+6)}{(x-13)}$

(13) $\frac{(x-1)}{(x-12)}$

(14) $\frac{(x+1)}{(x+13)}$

(15) $\frac{(x+45)}{(2x-3)}$

(16) $\frac{(x+17)}{(5x-6)}$

(17) $\frac{(x-1)}{(x-6)}$

(18) $\frac{(x-40)}{(5x-11)}$

(19) $\frac{(x+1)}{(x+27)}$

(20) $\frac{(5x-11)}{(x-36)}$

(21) $\frac{(x+82)}{(2x-1)}$

(22) $\frac{(2x-11)}{(x-56)}$

(23) $\frac{(x-5)}{(x+6)}$

(24) $\frac{(2x-3)}{(x-1)}$

(25) $\frac{(3x+10)}{(x+8)}$

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