1. Find all the numbers for which the rational expression is undefined. 7/v-3=
2. Solve s/10 – 10/s =0 The solutions are\_\_\_\_\_\_
3. Y^2 – 49 y - 7

------------ divide sign ------ = \_\_\_\_\_\_\_

64y + 448 56

1. 5/x-9 divide sign 16/(x-9)^2 = \_\_\_\_\_
2. Add 7/v+1 + 7/5v =\_\_\_\_
3. Add, simplify if possible 4/vw^2 + 9/v^2w =\_\_\_\_
4. Sue can shovel snow from her driveway in 60 min. Bill can do the same job in about 50 min. How long will it take Sue and Bill to shovel the driveway if they worked together? \_\_\_\_minutes
5. Find the LCM of 7(z-5) and 35(z-5) =\_\_\_\_\_\_\_
6. Solve the equation and check your answer q+3 / 2 + q-3 / 3 = 3 the solution is\_\_\_\_\_\_\_
7. Multiply and simplify 4b^8 / 9r^5 x 81r^7 / 16b =\_\_\_\_\_
8. Jodie bicycles 4 km/h faster than Dennis. In the same time it takes Dennis to bicycle 45km, Jodie can bicycle 57 km. How fast does each bicyclist travel. Dennis travels\_\_\_km/h Jodie \_\_\_\_\_km/h
9. Solve x 2 x^2+4

--- - --- = -------- The solution is\_\_\_\_

x+2 x-2 x^2-4

1. Simplify by removing factors of 1 63z^8 / 90z^4 the simplified form is\_\_\_\_
2. Simplify by removing factors of one z^2-3z+2 / z^2+6z-7 the simplified form is\_\_\_\_
3. Divide and simplify 4/w divide sign 36/w =\_\_\_\_\_
4. Divide and simplify d+3 3d+9

---- divide sign ------- =\_\_\_\_\_\_\_

d-1 d-2

1. Add 6 2

--- + ---- =\_\_\_\_\_\_

9+v 9+v

1. Subtract, simplify, if possible 14 14

---- - -----

x-4 4-x

1. Done
2. Solve y-7 5

---- = ---- the solution is\_\_\_\_\_\_\_\_\_

Y+2 7

1. Subtract simplify 3cf c-f

----- - ----- = \_\_\_\_\_\_\_

C^2-f^2 c+f

1. Simplify by removing factors of 1 w^2-49

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7-w

1. Find the LCM of (7+2y), (49-4x^2), and (7-2x)