Name: .... **Class:** ....

Solve two-step equations

Solve on the rough paper then write the correct answer (follow the example).

1. Find the value of **x**.

$3x - 2 = 16$

4. Find the value of **m**.

$6 = 3(m+9)$

7. Find the value of **u**.

$\dfrac{t - 9}{15} = 0$

2. Find the value of **t**.

$t = 2.5 \div (9.5+1/2)$

5. Find the value of **p**.

$21 = \dfrac{315}{p}$

3. Find the value of **u**.

$5 + \dfrac{u}{3} = 0$

6. Find the value of **w**.

$60 = 5w - 15$

Find the value of the variables in the following expressions below and choose the most correct answer.

8. $900 = 2(15+h)$ **h = ?**   ☐ 870   ☐ 900   ☐ 435   ☐ 30

9. $\dfrac{60}{u} = 30$ **u = ?**   ☐ 2   ☐ 30/15   ☐ 10/5   ☐ 6/3

10. $5 \times (9+16) = r$ **r = ?**   ☐ 23   ☐ 6   ☐ -125   ☐ 125

11. $-5x + 9 = 48$ **x = ?**   ☐ -3   ☐ 8   ☐ 40   ☐ -40/5

12. $\dfrac{x}{2} + 3.5 = 21$ **x = ?**   ☐ 17.5   ☐ 35   ☐ 8.75   ☐ 24.5

Name: .... Class: ....

Solve two-step equations

Solve on the rough paper then write the correct answer (follow the example).

1. Find the value of **x**.

$3x - 2 = 16$

Add 2 to both sides.

$3x - 2 + 2 = 16 + 2$

$3x + (-2+2) = 18$

3x = 18

Divide both sides by 3 to solve for **x**.

$3x = 18$

$$\frac{3x}{3} = \frac{18}{3}$$

x = 6

2. Find the value of **t**.

$t = 2.5 \div (9.5 + 1/2)$

t = 0.25

3. Find the value of **u**.

$5 + \dfrac{u}{3} = 0$

u = - 15

4. Find the value of **m**.

$6 = 3(m+9)$

m = -7

5. Find the value of **p**.

$21 = \dfrac{315}{p}$

p = 15

6. Find the value of **w**.

$60 = 5w - 15$

w = 15

7. Find the value of **u**.

$\dfrac{t - 9}{15} = 0$

t = 9

Find the value of the variables in the following expressions below and choose the most correct answer.

8. $900 = 2(15+h)$ h = ?   ☐ 870   ☐ 900   ☑ 435   ☐ 30

9. $\dfrac{60}{u} = 30$ u = ?   ☑ 2   ☐ 30/15   ☐ 10/5   ☐ 6/3

10. $5 \times (9+16) = r$ r = ?   ☐ 23   ☐ 6   ☐ -125   ☑ 125

11. $-5x + 9 = 48$ x = ?   ☑ -7.8   ☐ 8   ☐ 40   ☐ -40/5

12. $\dfrac{x}{2} + 3.5 = 21$ x = ?   ☐ 17.5   ☑ 35   ☐ 8.75   ☐ 24.5