

UNIT 5 – SOLVING LINEAR EQUATIONS

REVIEW OF TYPE I (one step)

MODEL

Examples (Basic)

1. $x + 7 = 2$

2. $y - 3 = -4$

3. $2m = -6$

4. $\frac{k}{2} = 5$

MATH 9 NOTES

UNIT 5 – SOLVING LINEAR EQUATIONS

REVIEW OF TYPE I (one step)

Examples (Basic)

MODEL

1. $x + 7 = 2$

2. $y - 3 = -4$

3. $2m = -6$

4. $\frac{k}{2} = 5$

MATH 9 NOTES

TYPE II (Two steps) Linear Equations

Examples

1. $2x + 3 = 4$

2. $-6 = -3y - 3$

3. $-3 + 5m = 20$

4. $-5t + 4 = 24$

5. $-\frac{1}{3}x + \frac{1}{3} = \frac{4}{3}$

MATH 9 NOTES

TYPE IV (Four steps 'ish') Linear Equations

Examples

1. $4(2x + 6) = 5(3x - 14)$

2. $0.6(10m + 3) = 0.7(15m + 3)$

3. $\frac{1}{2}(k + 10) = \frac{3}{4}(k + 20)$