$\qquad$

## - Remember

1. The arrowhead always points to the smaller value.
$6-4<5$
$5>6-4$

2. When graphing a linear inequality on a number line, use . . .
$n>1$ an open dot for $<$ or $>$. a solid dot for $\leq$ or $\geq$.


Draw straight lines to match the descriptions and inequalities. Then graph the inequality on the corresponding number line. The uncrossed letters will spell out a message.


1. Six is greater than three.
2. Three is less than five.
3. Six is less than ten.
4. Ten is less than three times five.
5. Ten is greater than five minus five.
6. Twenty is greater than fifteen.
7. A number is less than or equal to five.
8. A number is greater than three.
9. A number is greater than or equal to eight plus two.
10. A number is less than the product of five and two.
11. A number is less than or equal to the sum of three and five.
12. A number is greater than five times two.

G $\quad 6<10$

M

- $10<3 \cdot 5$

A
T $\quad .6>3$

- $20>15$

E
H $A \cdot 3<5$
T

J - $n \geq 8+2$

R U • $n>3$

- $n \leq 3+5$

0 L

E

## S

- $n \leq 5$

B

- $n>5 \cdot 2$
! • $n<5 \cdot 2$


