Reading Inequalities

Use Mathematical Notation for the following Statements

Each student scored more than 40% on the exam.
Values in excess of 40% satisfy this condition
$S > 40$

Vincent is at least 6 feet tall.
6 feet is a minimum height
$V \geq 6$

Your meal will cost less than $20
Values below $20 satisfy this condition
$M < 20$

The meeting cannot exceed 2 hours.
2 hours is a maximum value
$M \leq 2$

Use the correct Symbol to make the Inequality True

1. A backpack can hold no more than 15 kilograms. < > ≤ ≥

B 15

2. Maria saved at least $50 for the school trip. < > ≤ ≥

B 15

3. The temperature must stay below 30°C for the experiment. < > ≤ ≥

B 15

4. Each runner finished the race in more than 12 minutes. < > ≤ ≥

B 15

5. Tickets to the show cost at most $45. < > ≤ ≥

B 15

6. A person must be older than 12 years to enter the competition. < > ≤ ≥

B 15

7. The water level cannot go above 10 meters. < > ≤ ≥

B 15

8. You need at least 8 hours of sleep each night. < > ≤ ≥

B 15

9. The puppy weighs less than 25 pounds. < > ≤ ≥

B 15

10. The movie will last no longer than 95 minutes. < > ≤ ≥

B 15

LIVEWORKSHEETS