Name: _____

Eureka ★ YEAR 8 PRACTICE MATHS EXAM

30th of May 2010

Content of exam

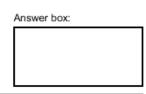
10 × Equations

General Instructions

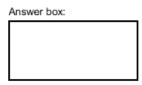
- Working time 20 minutes
- Board-approved calculators may be used.
- Answer all questions in the spaces provided.

1. Solve the equation: 4v - 1 = -61

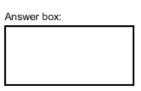
2. Solve the equation: t + 75 = -22



3. Solve the equation: $\frac{b}{14} = -13$



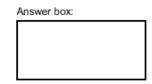
4. Solve the equation: $\frac{n}{11} = 3$



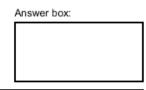
5. Solve the equation: 9a + 33 = 20a

Answer box:

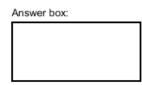
6. Find e where: 5(6e + 5) + 7(e - 7) = 235



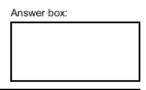
7. Find c where: 14c - 70 = 21c



8. Find v where: $\frac{v}{10}$ - 7 = 22



9. Find a where: 7(a + 4) = 119



10. Solve the equation: $\frac{4e}{3}$ = 2e - 6

Answer box: