MA HEMA IC SHORT COURSE

e f Assess ent Quiz

Instructions

Complete the following 30 questions. e it is inutes Each question is worth one point. Calculators are not permitted. The pass mark is 27 out of 30. (If you cannot pass this quiz without di culty, then you should seriously consider attending the Mathematics Boot Camp.)

1. **Express** $\frac{g}{p} + \frac{u}{f}$

7. **Express** $\frac{7}{x+1} - \frac{-5x-3}{x}$ **as a single fraction and simplify if possible.**

8. **What is** $\sqrt{81}$**?**

9. **Which is the simplified version of** $\sqrt{r^2 + 81s^2}$**?**

   A. $r - 9s$ **B.** $r + 9s$