



Detail

2025 Y5 T4W7 Mathematical Reasoning Test



Review



Question 30

Morris is considering changing cars. He currently hires a car for \$220 per week. However, he can now hire a similar car for only \$180 per week. If Morris decides to change cars, he must incur one-off administrative costs of \$520.

How long will it take for the savings in changing cars equal to the cost of administration?

220 / week to 180 / week
We save \$40 but \$520 one-off payment
 $\$20 \div 40 = 13$ weeks

 8 weeks 10 weeks 12 weeks 13 weeks 14 weeks

 **Correct answer:**

13 weeks

 **Hint:**

Saving per week = $220 - 180 = \$40$

$\$520 \div \$40 = 13$ weeks

 Session Registrations Report