Detail
2025 Y5 T4W6 Thinking Skills Test

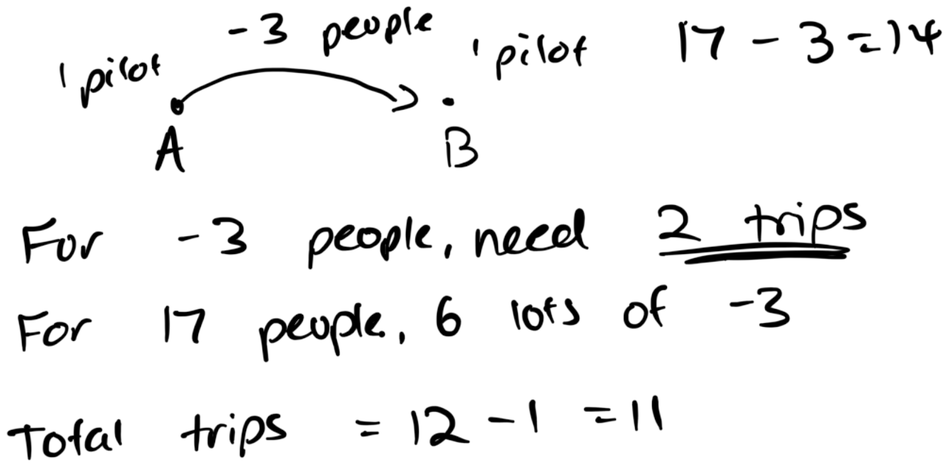
Review

1 (72.29%)	2 (90.37%)	3 (73.6%)	4 (67.9%)	5 (86.21%)	6 (89.66%)	7 (60.88%)	8 (78.95%)	9 (80.26%)	10 (32.94%)	11 (61.59%)	12 (83.47%)	13 (67.42%)	14 (35.08%)
15 (25.92%)	16 (84.78%)	17 (39.83%)	18 (46.66%)	19 (77.18%)	20 (74.61%)	21 (94%)	22 (53.78%)	23 (40.38%)	24 (27.64%)	25 (59.38%)	26 (51.02%)	27 (78.14%)	28 (41.3%)
	29 (39.35%)	30 (40.9%)	31 (28.1%)	32 (91.95%)	33 (64.39%)	34 (49.02%)	35 (19.24%)	36 (29.22%)	37 (56.36%)	38 (37.99%)	39 (27.82%)	40 (49.2%)	

Question 10

A small plane flies to and from towns A and B, and can only carry 3 passengers and a pilot altogether. A group of 17 people need to use this small plane to fly from town A to town B. Within this group, only James and Erica are trained pilots.

What is the minimum number of trips required? Flying from town A to town B counts as a trip, and flying from town B to town A also counts as a trip.



- 8
- 9
- 10
- 11

Correct answer:
11

Hint:
Note that it does not matter who flies as the pilot. In each trip, only 3 passengers can be carried, so the person who is selected as the pilot will need to fly 16 people from town A to town B.

16 ÷ 3 = 5 r 1, which means the plane needs to fly from town A to town B 6 times (rounded up). The last trip does not need to fly back to town A, so the plane is only flown 5 times from town B to town A. So, number of trips required is 6 + 5 = 11 trips.

Session

Registrations

Report