

Algebra
Unit 2 Line Master 8

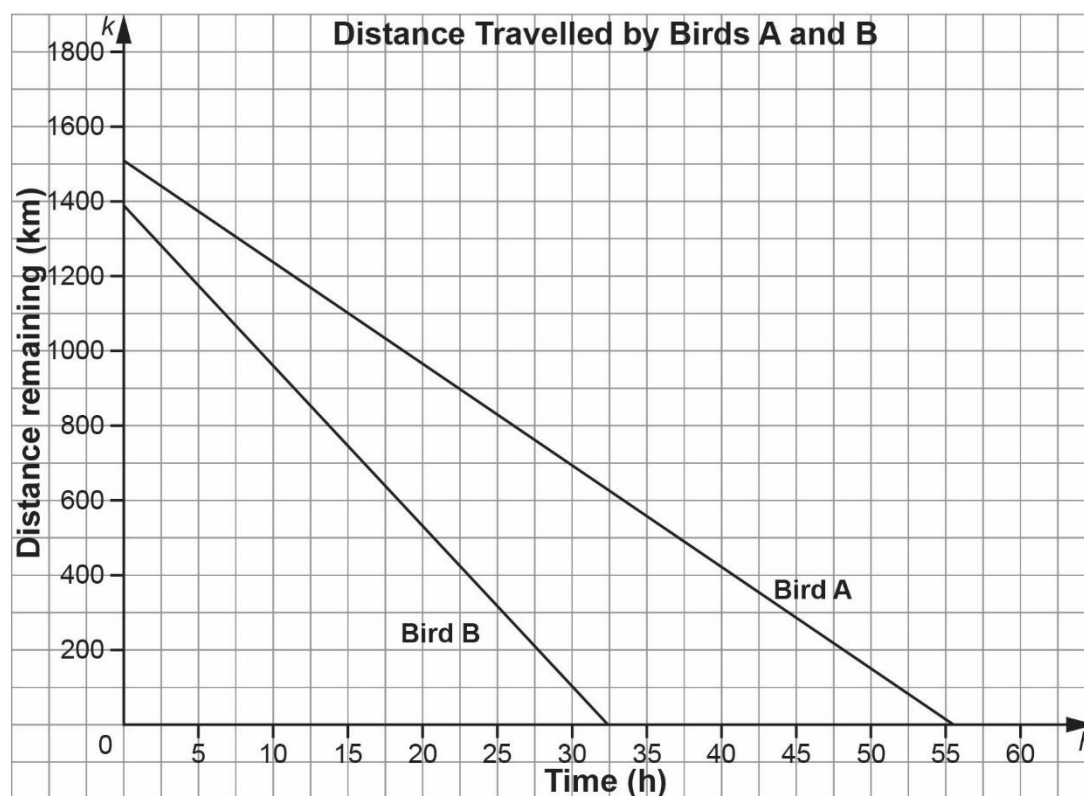
Who is Faster? Who is Farther Away?

In each situation below, a pair of birds fly to the same destination, but they start from different locations. For each bird, k is the distance remaining, in kilometres, and h is the number of hours travelled.

For each pair of birds, identify:

- Which bird flies faster?
- Which bird started farther away?
- Which bird will reach its destination first?

Pair 1



Pair 2

Bird C: $k = -32h + 1520$

Bird D: $k = -38h + 2120$

Name_____ Date_____

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Who is Faster? Who is Farther Away? (cont'd)

Pair 3

Bird E	
Number of hours, h	Distance remaining, k (km)
0	2342
5	2302
10	2262
15	2222
20	2182

Bird F	
Number of hours, h	Distance remaining, k (km)
0	2137
5	2106
10	2075
15	2044
20	2013