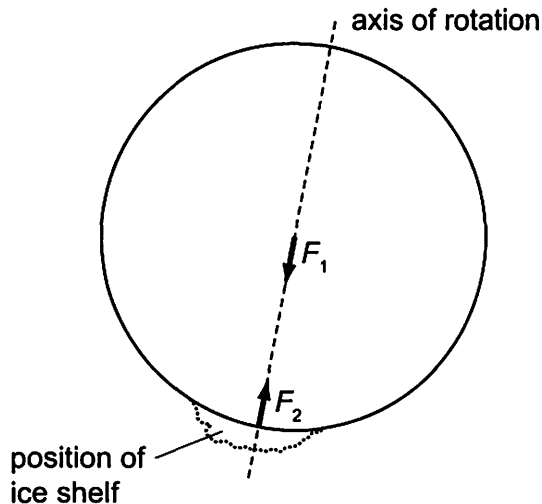
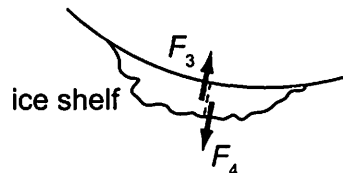


- 8 The forces acting on the Earth and a part of the Antarctic ice shelf, which has its centre of gravity directly above the Earth's axis of rotation, are shown. All of the forces are equal in magnitude.



forces acting on the Earth



forces acting on the ice shelf

Which pair of forces are equal because of Newton's 1st Law and which pair are equal because of Newton's 3rd Law?

	1st Law	3rd Law
A	F_1 and F_3	F_1 and F_2
B	F_1 and F_3	F_2 and F_4
C	F_3 and F_4	F_1 and F_2
D	F_3 and F_4	F_2 and F_4