

Memorandum on Board Bark Brighton

Monday 21 Dec

Memorandum from AM
employed in the ship

$$4x^2 + 8xy + 4y^2 = 198$$

$$4x^2 + 8xy + 4y^2 = 19$$

$$2x^2 + 4xy + 2y^2 = 98$$

$$\frac{1}{2}x^2 + \frac{1}{2}xy + \frac{1}{2}y^2 = 14$$

$$2x^2 + \frac{1}{2}xy + \frac{1}{2}y^2 = 79$$

$$x - \sqrt{xy} + y = 19$$

$$\sqrt{x} - \sqrt{y} = \sqrt{19}$$

$$19 \mid 293 \quad (19 + 34y^2 + 3y^3) \quad x - \sqrt{xy} + y$$

$$\frac{1}{3} \quad x - \sqrt{xy} + y \quad x^2 - x\sqrt{xy} + xy$$

$$\frac{2}{3} \quad x^2 - 4\sqrt{xy} + xy \quad -4\sqrt{xy} + xy$$

$$x - \sqrt{xy} + y = 7 \quad x^2 + xy + y^2 = 137$$

$$x^2 - x\sqrt{xy} + xy$$

$$x + \sqrt{xy} + y = 12$$

$$+ 4\sqrt{xy} + y^2$$

$$x + \sqrt{xy} + y = 19$$

$$+ 2\sqrt{xy} + y^2$$

$$+ xy - y\sqrt{xy} + y^2$$

$$+ xy - y\sqrt{xy} + y^2$$

Lat. 39 5 5
Lon 33 6

$$x^2 + xy + y^2 = 133$$

$$xy = 36$$

$$x^2 + y^2 = 97$$

Monday 24 Dec

$$x - \sqrt{xy} + y = 7$$

$$+ \sqrt{xy} = 6$$

$$x + y = 13$$

$$x = 13 - y$$

Shaving 26 by 6 All sail

$$(x + \sqrt{xy} + y) \left(\frac{x^2 + xy + y^2}{x^2 + 4\sqrt{xy} + xy} \right) (x - \sqrt{xy})$$

$$- y\sqrt{xy} + xy + y^2$$

$$- x\sqrt{xy} + xy + y^2$$

$$x - \sqrt{xy} + y = 7$$

$$2\sqrt{xy} = 12$$

$$x + \sqrt{xy} + y = 19$$

$$x - \sqrt{xy} + y = 7$$

$$2x + 2y = 21$$

$$2x + 4\sqrt{xy} + 2y = 45$$

Monday 25

$$x + \sqrt{xy} + y = 19$$

$$x - \sqrt{xy} + y = 7$$

$$2\sqrt{xy} = 12$$

$$\sqrt{xy} = 6$$

$$x + \sqrt{xy} + y = 19$$

$$+ 2\sqrt{xy} = 12$$

$$x - \sqrt{xy} + y = 7$$

$$x - \sqrt{xy} + y = 7$$

$$13 - y - \sqrt{xy} + y = 7$$

$$- \sqrt{xy} = -6$$