1. Early Exploration Make

1. He was a british explorer.

· do conved most of pacific

· Sailed to Antarctic waters

· navigated new zealand

2. Astronomy - measures the distance (Earth-Sur)

forder the mysterious southern continent

be fore the freigh of the Secret mission

before the freeh of secret norston

3.  $a \cdot T^2 = r^3$   $T = \sqrt{(19.22)^3} = 84.3 \text{ year}$ 

b. γ = 3√(1.88)2 = 1.52 AU

C. Astronomical wit (AU)

4. The first couplete year's neterological record from spending a number in Antartica - 261 statute notes of the North pole - success fully navigate the Northwest passage 5. They were arefor people who survived through hubre animals in the sea loke seals and whales 8 building buts that mere designed specificly for the harsh chinafe they loved in. 6. The chirook are indégras people from 7. It has great bentites & dangers. On the good side you have Barry lopes willy to merse in the land where he is storying to teach English and Capitain Samuelsen learning day sleds and other serviral tequippes from the rative people ( Netsilk ). the dangers of being lithe Captain Cooks death at the hand of hawiars for his doverpect.

2. Surveyal Hailles 2kg of pennica = ? Kcal · 9 lhcal/g :. 2000g × 9 kcal/g = 18,000 kcal/ Sookal = ? ky bisaits 4kal/g - carb. 500 Kcal = 125 g = 0.125 Kg 1000 kg = m 5 km = 9 W = FS = µng S  $0.1 = \mu$ .. = 0.1 x (000 x 9.81 x SOOD = 4,905 KJ 10 Hed dogs = ? 49.05 kJ/dog 9 hcal/g I hcal = 41847

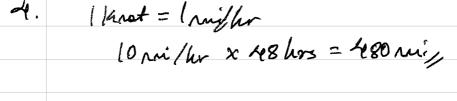
2.

5. Scorry mhsch is votanin C defruig

3. 
$$S = \emptyset A Cos \theta = 1$$
.

3. 
$$S = \emptyset h \cos \theta = 1.5^{\circ} \times 111 \times \cos 60^{\circ}$$
  
= 83.25 km/

$$S = \emptyset h \cos \theta = 1.5$$
  
= 83.25 km/



7. for example the reversal of new vs. wade Shows how societal drang can come sudded, yet be rooted on longstudy debates, the responsibility of a 'wisdom beeper', in this Contrat could be seen in activities who worth to guide committee through change by defeny from past religs & deformation. Because they can be lesons applied to more forward.

	S. Explanation Advenues
	the restriction to the same of
1.	Hirspired Nathaualporte u rarmon
2.	Captain Amends on mas the first to couplete
	the Northwest passage, but day on the
	Captain Amendsen mas the first to couplete the Northwest passage, but bday on the partial youter discovered by carlier explorers
<i>.</i>	reached new southern lattitude & gothered significant Screetfor data, including fassil find
4.	improve navigation by order Aarder earlers magnetor field.
	magnetiz field.

6. Survival & psychology

1. Primary enativers are justicative responses

lithe fear while secondary enotions are

learned lithe exitationatives influenced by

experience

2. Secondary enotions form enotional

booksmartes subject are memories that

can be used to predict present / future

can be used to predict present / future Situations by dirigging appropriate enotional response which can be difficult or suitanto memory based on that learned experien