

1077 RAVIRAVI SANGAM SCHOOL
Realigned Curriculum Weekly Home Study Package

SOLUTIONS

SUBJECT: *Mathematics*

1.

(a) $= \frac{1}{2} \times \$100$ $= \frac{100}{2}$ $= \$50.00$ $= \underline{\underline{\$50.00}}$	(b) $= \frac{1}{4} \times \$50$ $= \frac{50}{4}$ $= \$12.50$ $= \underline{\underline{12.50}}$	(c) $= 0.2 \times \$200$ $= \$40$ $= \underline{\underline{\$40.00}}$	(d) $= \frac{3}{4} \times \$200$ $= \frac{600}{4}$ $= \$150.00$ $= \underline{\underline{\$150.00}}$	(e) $= 0.45 \times \$500$ $= \$225$ $= \underline{\underline{\$225.00}}$
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2.

(a) $= \frac{75}{300} \times \frac{100}{1}$ $= \frac{75}{300} \times \frac{100^1}{1}$ $= \frac{75}{300^3} \times \frac{100^1}{1}$ $= \underline{\underline{25\%}}$	(b) $= \frac{20}{80} \times \frac{100}{1}$ $= \frac{200^{25}}{8^1}$ $= \underline{\underline{25\%}}$	(c) $= \frac{10}{100} \times \frac{100}{1}$ $= \frac{10}{100} \times \frac{100^1}{1}$ $= \underline{\underline{10\%}}$	(d) $= \frac{15}{30} \times \frac{100}{1}$ $= \frac{1500^{50}}{30^1}$ $= \underline{\underline{50\%}}$	(e) $= \frac{50}{250} \times \frac{100}{1}$ $= \frac{5000^{20}}{250^1}$ $= \underline{\underline{20\%}}$
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3.

(a)	(b) Profit = S.P. – C.P. $= \$20000 - \15000 $= \$5000$ $= \underline{\underline{\text{Profit}}}$	(c) Profit % = $\frac{\text{Profit}}{\text{C.P.}} \times \frac{100}{1}$ $= \frac{\$5000}{\$15000} \times \frac{100}{1}$ $= \underline{\underline{33.33\%}}$
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4.

(a)	(b) Loss = C.P. – S.P. $= \$6.00 - \4.00 $= \$2.00$ $= \underline{\underline{\text{Loss}}}$	(c) Loss % = $\frac{\text{Loss}}{\text{C.P.}} \times \frac{100}{1}$ $= \frac{\$2}{\$6} \times \frac{100}{1}$ $= \underline{\underline{33.33\%}}$
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5.

(a) Deposit = $\frac{10}{100} \times \$1799$ $= \$179.90$ $= \underline{\underline{\$179.90}}$	(b) T.M.I. = $\$87.00 \times 24$ $= \$2088.00$ $= \underline{\underline{\$2088.00}}$	(c) T.H.P. = Deposit + T.M.I. $= \$179.90 + \2088 $= \$2267.90$ $= \underline{\underline{\$2267.90}}$	(d) Savings = T.H.P. – Cash $= \$2267.90 - \1799.00 $= \$360.00$ $= \underline{\underline{\$468.90}}$
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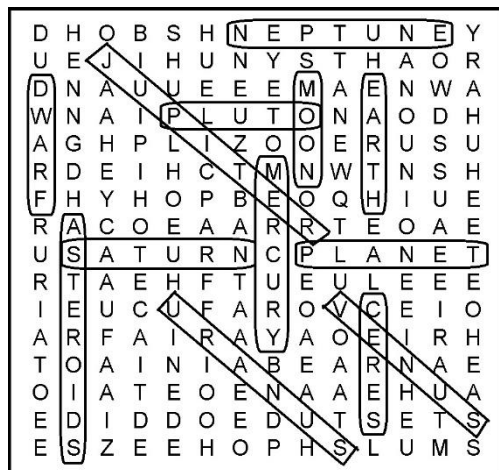
6.

(a) Deposit = $\frac{15}{100} \times \$2500$ $= \$375.00$ $= \underline{\underline{\$375.00}}$	(b) T.M.I. = $\$75.00 \times 36$ $= \$2700.00$ $= \underline{\underline{\$2700.00}}$	(c) T.H.P. = Deposit + T.M.I. $= \$375 + \2700 $= \$3075.00$ $= \underline{\underline{\$3075.00}}$	(d) Savings = T.H.P. – Cash $= \$3075 - \2500 $= \$575.00$ $= \underline{\underline{\$575.00}}$
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SUBJECT: English

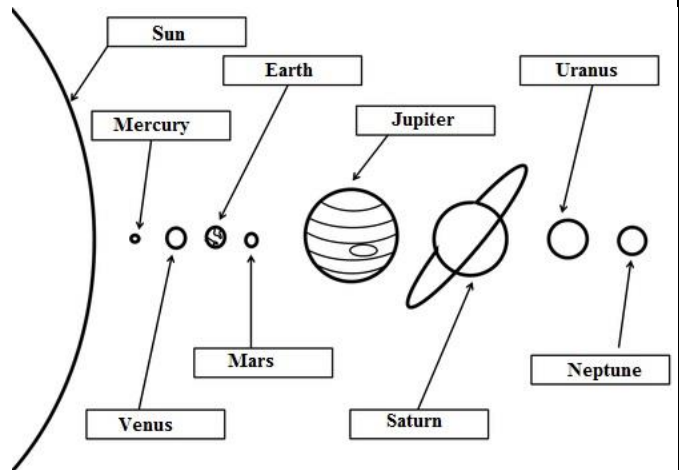
1. There are eight planets in our solar system, namely; Mercury, Venus, Earth, Mars, Jupiter, Saturn, Uranus and Neptune.
2. The sun will burn for another five billion years.
3. Venus is known as the “Evening Star.”
4. Meteors glow when they shoot through our sky because they burn out.
5. Pluto is no longer considered a planet.

(ii) Word Search – Find the given words.



VENUS
EARTH
MARS
CERES
ASTEROIDS
JUPITER
SATURN
NEPTUNE
URANUS
PLUTO
DWARF
PLANET
MOON

(iii) Label this Solar System diagram correctly.



SUBJECT: Basic Science

1. (i) Friction is a force between two surfaces that are sliding, or trying to slide, across each other.
(ii) Air resistance is a type of friction between air and another material.
2. Friction prevents us from slipping when walking or running, stops a moving vehicle, keeps the position of an object on a surface, produces fire, holds or grips things, sharpens a knife, etc.
3. Friction produces heat which damages the moving parts of a machine.
Friction produces wear and tear on the contacting surfaces. This reduces the life of machine parts.
4. The friction of moving aeroplanes or cars reduced by streamlining.

SUBJECT: Social Science

1. (a) Fish and seafood supplies.
(b) Oil and gas, minerals.
(c) Sand and gravel.
2. Gold.
3. Forest resource / Timber resource / Tree, etc.
4. The United States of America is the largest importer of Fiji Water.
5. (i) ATC – Agreement on Textiles and Clothing.
(ii) WTO – World Trade Organisation.

SUBJECT: Healthy Living

1. Community safety is about helping communities to be and feel safe. It is important that you feel safe where you live, work or spend your leisure time.
2. (i) Emergency planning / regulation, licensing and trading standards.
(ii) Contributing to anti-social behaviour / New governance arrangements.
3. Voluntary organisation is a non-profit organisation or non-governmental organisation that help the poor and needy people.
4. (i) Identify the needs of individuals ,groups , communities.
(ii) Initiate programmes and projects to meet them.
5. (i) Fiji Red Cross Society (ii) Rotary Club
(iii) Save the Children Fiji

SUBJECT: Hindi (Hindi students ONLY)

- (क) 1 एक दूसरे के साथ अच्छा व्यवहार करने को शिष्टाचार कहते हैं।
2 शिष्टाचार के नियम पालन करने से मनुष्य के चरित्र और योग्यता का पता चलता है।
3 अपने से बड़ों के साथ हमशा 'आप' कह कर बात करनी चाहिए।
4 यदि कोई आपको बुलाए तो 'जी' या 'जी नहीं' या 'जी हाँ' में उत्तर देना चाहिए।
5 अतिथि का स्वागत खड़े होकर, दोनों हाथ जोड़ कर, 'नमस्ते', 'प्रणाम', या 'नमस्कार' कह कर करना चाहिए।
- (ख) 1 मरन – जीवन 2 नवीन – प्राचीन
3 छोटों – बड़ों 4 बाहर – अन्दर
5 देना – लेना

(ग) अपनी उत्तर पुस्तिका में निर्धारित स्थान पर एक चित्र बनाइए जिसमें शिष्टाचार का कोई एक नियम प्रकट हों।

