KEMENTERIAN PENDIDIKAN MALAYSIA — POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME	PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT	QUIZ 2	
		SESSION	DECEMBER 2018	
JABATAN MATEMATIK, SAINS DAN KOMPUTER		DURATION	20 MINS	CLO1 10 MARKS
NAME	NURUL AINA			CLO2
REGISTRATION NO.	09PPI8F2016			CLO3
PROGRAMME/ SECTION	IPP1	TOTAL MARKS		10 MARKS

6

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1 [CLO1, C1]

X ∞ pencil.

[7 marks]

CLO1, C2

Compute the following problems using BODMAS rule **without calculator** in **the simplest form**.

(a) $-12 - (40 \div 8) + (-2)$

(b) $3(4 + 8) - 12$

(c) $5\frac{1}{2} \div \left[\frac{3}{8} - \frac{1}{6}\right]$

Question 2

[3 marks]

CLO1, C3

Solve $20.65 \div 59$ manually (**without calculator**).

a) $-12 - (40 \div 8) + (-2)$ (1)

$= -12 - 5 + (-2)$

$= 7 + -2$

$= 5$#

b) $3(4+8) - 12$ (2)

$= 3(12) - 12$

$= 36 - 12$

$= 24$

c) $5\frac{1}{2} \div \left(\frac{3\times 6}{8\times 6} - \frac{1}{6}\right)$

$= \frac{11}{2} \div \frac{18}{48} - \frac{8}{48}$

$\frac{10}{48} \div \frac{11}{2}$

$= \frac{5}{24} \times \frac{2}{11}$

$= 26\frac{2}{5}$

Cheat!

Question 2

$20.65 \div 59 = 59\overline{)20.65}$ (3)

0035

$= 0.35$#

59, 118, 177, 236, 295, 354, 413

KEMENTERIA PENDIDIKAN MALAYSIA / POLITEKNIK MALAYSIA JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS
		COURSEWORK ASSESSMENT		QUIZ 2
		SESSION		DECEMBER 2018
NAME	Jasmin Bt Wahab	DURATION	20 MINS	CLO1 10 MARKS
REGISTRATION NO.	051PP1FF2015			CLO2
PROGRAMME/ SECTION	IPP1	TOTAL MARKS		CLO3 10 MARKS

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1 [CLO1, C1]

[7 marks]

CLO1, C2

Compute the following problems using BODMAS rule **without calculator** in **the simplest form**.

(a) $-12 - (40 \div 8) + (-2)$

(b) $3(4 + 8) - 12$

(c) $5\frac{1}{2} \div \left[\frac{3}{8} - \frac{1}{6}\right]$

Question 2

[3 marks]

CLO1, C3

Solve $20.65 \div 59$ manually (**without calculator**).

Question 1

(a) $-12 - (40 \div 8) + (-2)$ (1)

$= -12 - 5 + (-2)$ ✓

$= -7 + (-2)$ ✗

$= -9$ ✗.

(b) $3(4+8) - 12$

$= 3(12) - 12$ ✓ (2)

$= 36 - 12$

$= 24$ ✗

(c) $5\frac{1}{2} \div \left(\frac{3}{8} - \frac{1}{6}\right)$ ✓

$= 5\frac{1}{2} \div \left(\frac{9}{24} - \frac{4}{24}\right)$ ✓

$= \frac{11}{2} \div \frac{5}{24} = \frac{11}{2} \times \frac{24}{5}$ ✓

$= \frac{11 \times 24}{2 \times 5}$ ✓

$= \frac{264}{20}$ ✗ ✗ (3)

$= 13.2$ ✗.

2 | 8, 6
4 | 4, 3
3 | 1, 3
1, 1

1½

Question 2

$20.65 \div 59$

0.35 ✓ (3)

$59 \overline{)20.65}$ $= 0.35$ ✗.

$-\ 0\downarrow$

$20\ 6$

$-\ 177\downarrow$

295

-295

KEMENTERIA PENDIDIKAN MALAYSIA

POLITEKNIK MALAYSIA

JABATAN MATEMATIK, SAINS DAN KOMPUTER

NAME	Celestina Indica Dejmond Able	COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS	
REGISTRATION NO.	051PP18F2029	COURSEWORK ASSESSMENT		QUIZ 2	
PROGRAMME/ SECTION	IPP1	SESSION		DECEMBER 2018	
		DURATION	20 MINS	CLO1	10 MARKS
				CLO2	
				CLO3	
		TOTAL MARKS		10 MARKS	

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1 [CLO1, C1]

[7 marks]

CLO1, C2

Compute the following problems using BODMAS rule **without calculator** in **the simplest form**.

(a) $-12 - (40 \div 8) + (-2)$

(b) $3(4 + 8) - 12$

(c) $5\frac{1}{2} \div \left[\frac{3}{8} - \frac{1}{6}\right]$

Question 2

[3 marks]

CLO1, C3

Solve 20.65 ÷ 59 manually (**without calculator**).

KEMENTERIAN PENDIDIKAN MALAYSIA / POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME		PBM1035 INTENSIVE MATHEMATICS
		COURSEWORK ASSESSMENT		QUIZ 2
		SESSION		DECEMBER 2018
JABATAN MATEMATIK, SAINS DAN KOMPUTER		DURATION	20 MINS	CLO1 — 10 MARKS
				CLO2
NAME	Adriana Raphael			CLO3
REGISTRATION NO.	05IPP18F2009			
PROGRAMME/ SECTION	IPP1	TOTAL MARKS		10 MARKS

10 Good

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1 [CLO1, C1]

[7 marks]

CLO1, C2

Compute the following problems using BODMAS rule **without calculator** in **the simplest form**.

(a) $-12-(40\div 8)+(-2)$

(b) $3(4+8)-12$

(c) $5\frac{1}{2}\div\left[\frac{3}{8}-\frac{1}{6}\right]$ = 26 2/5

Question 2

[3 marks]

CLO1, C3

Solve $20.65\div 59$ manually (**without calculator**).

Question 1

(a) = −12 − 5 + (−2)

= −17 + −2

= −19 ✓ (2)

(b) = 3 (12) − 12

= 36 − 12

= 24 ✓ (2)

(c) 3×6 / 8×6 − 1×8 / 6×8

= 18/48 − 8/48

= 2/5

= 26 2/5 ✓ (3)

Question 2

0.35

59 ⟌ 20.65

0

206

− 177

895

− 895

0

0.35 (3)

KEMENTERIAN PENDIDIKAN MALAYSIA	POLITEKNIK MALAYSIA	COURSE CODE/ COURSE NAME	PBM1035 INTENSIVE MATHEMATICS	
		COURSEWORK ASSESSMENT	QUIZ 2	
		SESSION	DECEMBER 2018	
JABATAN MATEMATIK, SAINS DAN KOMPUTER		DURATION	20 MINS	CLO1	10 MARKS
NAME	Augustine			CLO2	10
REGISTRATION NO.	05IPP18F2025			CLO3	
PROGRAMME/ SECTION	IPP1	TOTAL MARKS		10 MARKS

Good

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1 [CLO1, C1]

[7 marks]

CLO1, C2

Compute the following problems using BODMAS rule **without calculator** in **the simplest form.**

(a) $-12 - (40 \div 8) + (-2)$

(b) $3(4 + 8) - 12$

(c) $5\frac{1}{2} \div \left[\frac{3}{8} - \frac{1}{6}\right]$

Question 2

[3 marks]

CLO1, C3

Solve $20.65 \div 59$ manually (**without calculator**).

(1) (a) $-12-(40\div8)+(-2)$

$= -12-(5)+(-2)$

$= -17+(-2)$

$= -19$

(2)

(b) $3(4+8)-12$

$= 3(12)-12$

$= 36-12$

$= 24$

(2)

(c) $5\frac{1}{2} \div \left[\frac{3\times6}{8\times6} - \frac{1\times8}{6\times8}\right]$

$= \frac{18-8}{48} = \frac{10}{48} = \frac{5}{24}$

$= \frac{11}{2} \div \frac{5}{24} = \frac{11}{1} \times \frac{12}{5} = \frac{132}{5} = 26\frac{2}{5}$

(3)

(2) $20.65 \div 59 = 0.35$

$59 \overline{)20.65}$ = 0.35

177

295

295

(3)

KEMENTERIAN PENDIDIKAN MALAYSIA / POLITEKNIK MALAYSIA		COURSE CODE/ COURSE NAME	PBM1035 INTENSIVE MATHEMATICS	
JABATAN MATEMATIK, SAINS DAN KOMPUTER		COURSEWORK ASSESSMENT	QUIZ 2	
		SESSION	DECEMBER 2018	
NAME	ATIKAH ANAK SENJON	DURATION	20 MINS	CLO1: 10 MARKS
REGISTRATION NO.	05IPP18F2012			CLO2:
				CLO3:
PROGRAMME/ SECTION	IPP1	TOTAL MARKS		10 MARKS

10 Good

Instructions

- Answer ALL questions. Write your answers in the spaces provided.
- Show your working to get marks. You may use a non-programmable scientific calculator.

Question 1 [CLO1, C1]

[7 marks]

CLO1, C2

Compute the following problems using BODMAS rule **without calculator** in **the simplest form**.

(a) $-12-(40\div 8)+(-2)$

(b) $3(4+8)-12$

(c) $5\frac{1}{2}\div\left[\frac{3}{8}-\frac{1}{6}\right]$

Question 2

[3 marks]

CLO1, C3

Solve $20.65\div 59$ manually (**without calculator**).

a) $-12-(40\div 8)+(-2)$
$=-12-(5)+(-2)$
$=-17+(-2)$
$=-19$. ✓ (2)

B) $3(4+8)-12$
$=3(12)-12$
$=36-12$
$=24$. ✓ (2)

c) $5\frac{1}{2}\div\left[\frac{3}{8}-\frac{1}{6}\right]$
$=5\frac{1}{2}\div\left[\frac{3\times3}{8\times3}-\frac{1\times4}{6\times4}\right]$
$=5\frac{1}{2}\div\left[\frac{9}{24}-\frac{4}{24}\right]$
$=5\frac{1}{2}\div\left[\frac{9-4}{24}\right]$
$=\frac{5+1}{\times 2}\div\frac{5}{24}$
$=\frac{11}{2}\div\frac{5}{24}$ ✓
$=\frac{11}{2}\times\frac{24}{5}$
$=\frac{11\times24}{2\times5}$
$=\frac{264}{10}$
$=26\frac{2}{5}$ (3)

2	8	6
4	4	3
3	1	1

Question 2

$59\overline{)20.65}$ = 0.35
0
206
− 177
295
− 295
✓ (3)

59 + 59 = 118
118 + 59 = 177
177 + 59 = 236
236 + 59 = 295