

Automation Four

File - ACCA

Illustration



Copyright note

Be who you want to be, thanks

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Introduction

We have a way forward in the world of Quark



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BPP-9456: ACCA - Illustrations QnAs - Regression test file

1 General output overview

An illustration with one question and sub-questions:



Illustration 1: Output for QnAs with one question

This is the question scenario.

Required

This is the question requirement.

- (a) This is the first sub-question scenario.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-

An illustration with more than one question and sub-questions:



Illustration 2: Output for QnAs with more than one question

- 1 This is the first question scenario.

Required

This is the first question requirement.

- (a) This is the first sub-question scenario.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

- 2 This is the second question scenario.

Required

This is the second question requirement.

Solution

- 1 This is the first question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
 - 2 This is the second question debrief.
-

2 Test scenarios

2.1 One question, no sub-questions



Illustration 3: One question (scenario, requirement), no sub-questions

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

A second paragraph in the question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.



Illustration 4: One question (requirement), no sub-questions

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

2.2 Illustrations: One question, one sub-question



Illustration 5: One question (scenario, requirement), one sub-question (scenario, requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

This is the question debrief.

A second paragraph in the question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question debrief.

A second paragraph in the sub-question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

 **Illustration 6: One question (scenario), one sub-question (scenario, requirement)**

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

This is the question debrief.

- (a) This is the sub-question debrief.
-

 **Illustration 7: One question (requirement), one sub-question (scenario, requirement)**

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the sub-question debrief.
-



Illustration 8: One question (scenario, requirement), one sub-question (requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

This is the question debrief.

- (a) This is the sub-question debrief.
-



Illustration 9: One question (scenario), one sub-question (requirement) - AMENDED

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

This is the question debrief.



Illustration 10: One question (requirement), one sub-question (requirement)

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

This is the question debrief.

- (a) This is the sub-question debrief.
-

2.3 One question, two sub-questions



Illustration 11: One question (scenario, requirement), sub-question 1 (scenario, requirement) sub-question 2 (scenario, requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

A second paragraph in the question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question debrief.

A second paragraph in the first sub-question debrief. The quick, brown fox jumps over a lazydog. Bawds jog, flick quartz, vex nymphs. A second paragraph in the first sub-question debrief. The quick, brown fox jumps over a lazydog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question debrief.

A second paragraph in the second sub-question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.



Illustration 12: One question (scenario), sub-question 1 (scenario, requirement) sub-question 2 (scenario, requirement) - AMENDED

This is the first sub-question scenario. **Now moved to first question scenario.**

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement. **Now moved to first question requirement.**

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question scenario. **Now authored in group debrief.**

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

This is the first sub-question debrief. **Now moved to first question debrief.**

- (a) This is the second sub-question debrief.
-



Illustration 13: One question (requirement), sub-question 1 (scenario, requirement) sub-question 2 (scenario, requirement)

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 14: One question (scenario, requirement), sub-question 1 (requirement) sub-question 2 (scenario, requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 15: One question (scenario), sub-question 1 (requirement) subquestion 2 (scenario, requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 16: One question (requirement), sub-question 1 (requirement) subquestion 2 (scenario, requirement)

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 17: One question (scenario, requirement), sub-question 1 (requirement) sub-question 2 (requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 18: One question (scenario), sub-question 1 (requirement) sub-question 2 (requirement) - AMENDED

This is the question scenario. **Now authored as a group scenario.**

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

- 1 This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second sub-question requirement. **Now authored as the second question requirement.**

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first sub-question debrief. **Now authored as the first question debrief.**

- 2 This is the second sub-question debrief. **Now authored as the second question debrief.**
-



Illustration 19: One question (requirement), sub-question 1 (requirement) sub-question 2 (requirement)

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-

Illustration 20: One question (scenario, requirement), sub-question 1 (scenario, requirement) sub-question 2 (requirement)

This is the question scenario.

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 21: One question (scenario), sub-question 1 (scenario, requirement) sub-question 2 (requirement) - AMENDED

This is the question scenario. **Reauthored in the group scenario.**

A second paragraph in the question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 1 This is the first sub-question scenario. - **Reauthored as the first question scenario.**

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second sub-question requirement - **Reauthored as the second question requirement.**

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first sub-question debrief. - **Reauthored as the first question debrief.**
 - 2 This is the second question debrief - **newly authored.**
-

Illustration 22: One question (requirement), sub-question 1 (scenario, requirement) sub-question 2 (requirement)

This is the question requirement.

A second paragraph in the question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.

- (b) This is the second sub-question debrief.

2.4 Two questions, no sub-questions



Illustration 23: Question 1 (scenario, requirement), question 2 (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.

A second paragraph in the first question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

-
- 2 This is the second question debrief.

A second paragraph in the second question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs



Illustration 24: Question 1 (requirement), question 2 (scenario, requirement)

- 1 This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
-



Illustration 25: Question 1 (scenario, requirement), question 2 (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
-



2.5 Two questions, one sub-question

Illustration 26: Question 1 (scenario, requirement), question 2 (scenario, requirement), sub-question (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.

A second paragraph in the first question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question debrief.

A second paragraph in the sub-question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question debrief.

A second paragraph in the second question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs



Illustration 27: Question 1 (scenario), question 2 (scenario, requirement), subquestion (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.
 - (a) This is the sub-question debrief.
 - 2 This is the second question debrief.
-



Illustration 28: Question 1 (requirement), question 2 (scenario, requirement), sub-question (scenario, requirement)

- 1 This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

(a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.
 - (a) This is the sub-question debrief
 - 2 This is the second question debrief.
-



Illustration 29: Question 1 (scenario, requirement), question 2 (requirement), sub-question (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog.
Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question scenario.

A second paragraph in the sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.
 - (a) This is the sub-question debrief.
 - 2 This is the second question debrief.
-



Illustration 30: Question 1 (scenario, requirement), question 2 (scenario, requirement), sub-question (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog.
Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.

A second paragraph in the first question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question debrief.

A second paragraph in the sub-question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question debrief.

A second paragraph in the second question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs



Illustration 31: Question 1 (scenario), question 2 (scenario, requirement), sub-question (requirement) - AMENDED

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the sub-question requirement - **reauthored as the first question requirement**.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Solution

- 1 This is the first question debrief.

- 2 This is the second question debrief.
-



Illustration 32: Question 1 (requirement), question 2 (scenario, requirement), sub-question (requirement)

- 1 This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
 - (a) This is the sub-question debrief.
-



Illustration 33: Question 1 (scenario, requirement), question 2 (requirement), sub-question (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the sub-question requirement.

A second paragraph in the sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
 - (a) This is the sub-question debrief.
-

2.6 Two questions, two sub-questions



Illustration 34: Question 1 (scenario, requirement), question 2 (scenario, requirement), sub-question 1 (scenario, requirement), sub-question 2 (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.

A second paragraph in the first question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question debrief.

A second paragraph in the second question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question debrief.

A second paragraph in the first sub-question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question debrief.

A second paragraph in the second sub-question debrief. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.



Illustration 35: Question 1 (scenario, requirement), question 2 (scenario, requirement), sub-question 1 (requirement), sub-question 2 (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog.
Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 36: Question 1 (scenario, requirement), question 2 (scenario, requirement), sub-question 1 (scenario, requirement), sub-question 2 (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs
- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
- 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.



Illustration 37: Question 1 (scenario, requirement), question 2 (requirement), sub-question 1 (scenario, requirement), sub-question 2 (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 38: Question 1 (scenario, requirement), question 2 (scenario, requirement), sub-question 1 (requirement), sub-question 2 (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question scenario.

A second paragraph in the second question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-

Illustration 39: Question 1 (scenario, requirement), question 2 (requirement), sub-question 1 (requirement), sub-question 2 (scenario, requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question scenario.

A second paragraph in the second sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
 - 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.
-



Illustration 40: Question 1 (scenario, requirement), question 2 (requirement), sub-question 1 (scenario, requirement), sub-question 2 (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question scenario.

A second paragraph in the first sub-question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Required

This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question (b) requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
- 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.



Illustration 41: Question 1 (scenario, requirement), question 2 (requirement), sub-question 1 (requirement), sub-question 2 (requirement)

- 1 This is the first question scenario.

A second paragraph in the first question scenario. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

Required

This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.
- 2 This is the second question debrief.
 - (a) This is the first sub-question debrief.
 - (b) This is the second sub-question debrief.

Illustration 42: Question 1 (requirement), question 2 (requirement), sub-question 1 (requirement), sub-question 2 (requirement)

- 1 This is the first question requirement.

A second paragraph in the first question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- 2 This is the second question requirement.

A second paragraph in the second question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs

- (a) This is the first sub-question requirement.

A second paragraph in the first sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

- (b) This is the second sub-question requirement.

A second paragraph in the second sub-question requirement. The quick, brown fox jumps over a lazy dog. Bawds jog, flick quartz, vex nymphs.

Solution

- 1 This is the first question debrief.

- 2 This is the second question debrief.

- (a) This is the first sub-question debrief.

- (b) This is the second sub-question debrief.

2.7 Questions without debrief



Illustration 43: Question (no debrief)

This is the question scenario. This question does not have any text in the debrief.

Required

This is the question requirement. This question does not have any text in the debrief.

- (a) This is the first sub-question scenario.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

Solution

- (a) This is the first sub-question debrief.

- (b) This is the second sub-question debrief.



Illustration 44: Question 1 (no debrief), question 2 (debrief)

- 1 This is the first question scenario. This question does not have any text in the debrief.

Required

This is the first question requirement. This question does not have any text in the debrief.

- (a) This is the first sub-question requirement.

- (b) This is the second sub-question requirement.
- 2 This is the second question scenario.

Required

This is the second question requirement.

Solution

- 1 (a) This is the first sub-question debrief
 - (b) This is the second sub-question debrief
 - 2 This is the second question debrief.
-



Illustration 45: Question 1 (debrief), question 2 (no debrief)

- 1 This is the first question scenario.

Required

This is the first question requirement.

- (a) This is the first sub-question requirement.
- (b) This is the second sub-question requirement.

- 2 This is the second question scenario. This question does not have any text in the debrief.

Required

This is the second question requirement. This question does not have any text in the debrief.

- (a) This is the third sub-question requirement. Known issue: for question numbers greater than 1, the sub-question numbering will be slightly misaligned.
- (b) This is the fourth sub-question requirement.

Solution

- 1 This is the first question debrief.
 - (a) This is the first sub-question debrief
 - (b) This is the second sub-question debrief.
 - 2 (a) This is the third sub-question debrief.
 - (b) This is the fourth sub-question debrief
-



Illustration 46: Question 1 and sub-questions (no debrief), question 2 (debrief) - AMENDED

- 1 This is the first question scenario. This question does not have any text in the debrief.

Required

This is the first question requirement. This question does not have any text in the debrief.

- (a) This is the first sub-question requirement.
- (b) This is the second sub-question requirement.

- 2 This is the second question scenario.

Required

This is the second question requirement.

Solution

- 1 (a) This is the first sub-question debrief - **newly authored**.
(b) This is the second sub-question debrief - **newly authored**.
 - 2 This is the second question debrief.
-

2.8 Illustrations with tables



Illustration 47: QnAs with one question with tables

Table header	Table header
Table text	Table text

This is text in the question scenario, authored underneath the table.

Required

This is the question requirement.

Table header	Table header
Table text	Table text

(a)

Table header	Table header
Table text	Table text

This is text in the first sub-question scenario, authored underneath the table.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

Table header	Table header
Table text	Table text

Solution

Table header	Table header
Table text	Table text

This is text in the question debrief, authored underneath the table.

(a)

Table header	Table header
Table text	Table text

- (b) This is the second sub-question debrief.

Table header	Table header
Table text	Table text



Illustration 48: QnAs with more than one question with tables

1

Table header	Table header
Table text	Table text

This is text in the first question scenario, authored underneath the table.

Required

This is the first question requirement.

Table header	Table header
Table text	Table text

(a)

Table header	Table header
Table text	Table text

This is text in the first sub-question scenario, authored underneath the table.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

Table header	Table header
Table text	Table text

- 2 This is the second question requirement.

Solution

1

Table header	Table header
Table text	Table text

This is text in the first question debrief, authored underneath the table.

(a)

Table header	Table header
Table text	Table text

This is text in the first sub-question debrief, authored underneath the table.

- (b) This is the second sub-question debrief

Table header	Table header
Table text	Table text

- 2 This is the second question debrief.

Table header	Table header
Table text	Table text

2.9 Illustrations with lists



Illustration 49: QnAs with one question with lists - AMENDED

This is a line of body text in the question scenario - **newly authored**.

- This is a list in the question scenario
- Bullet point

Required

This is the question requirement.

- Bullet point
- Bullet point

- (a) This is a line of body text in the sub-question scenario - **newly authored**.

- This is a list in the sub-question scenario
- Bullet point

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

- Bullet point
- Bullet point

Solution

This is the question debrief.

- (a) This is the first sub-question debrief.
(b) This is the second sub-question debrief.
-



Illustration 50: QnAs with more than one question with lists - AMENDED

- 1 This is a line of body text in the question scenario - **newly authored**.
- This is a list in the first question scenario
 - Bullet point

Required

This is the first question requirement.

- Bullet point
- Bullet point

- (a) This is a line of body text in the question scenario - **newly authored**.
- This is a list in the first sub-question scenario
 - Bullet point

Required

This is the first sub-question requirement.

- Bullet point
- Bullet point

- (b) This is the second sub-question requirement.

- 2 This is the second question requirement.

Solution

- 1 This is the first question debrief.
 - (a) This is the first sub-question debrief
 - (b) This is the second sub-question debrief
- 2 This is the second question debrief.

2.10 Illustrations with images



Illustration 51: QnAs with one question with images

!! Error resolving referred content !!

This is the text in the question scenario, authored underneath the image.

Required

This is the question requirement.

!! Error resolving referred content !!

(a)

!! Error resolving referred content !!

This is text in the first sub-question scenario, authored underneath the image.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

!! Error resolving referred content !!

Solution

!! Error resolving referred content !!

This is the text in the question debrief, authored underneath the image.

(a)

!! Error resolving referred content !!

This is text in the first sub-question debrief, authored underneath the image.

- (b) This is the second sub-question debrief.

!! Error resolving referred content !!



Illustration 52: QnAs with more than one question with images

1

!! Error resolving referred content !!

This is text in the first question scenario, authored underneath the image.

Required

This is the first question requirement.

!! Error resolving referred content !!

(a)

!! Error resolving referred content !!

This is text in the first sub-question scenario, authored underneath the image.

Required

This is the first sub-question requirement.

- (b) This is the second sub-question requirement.

!! Error resolving referred content !!

2 This is the second question requirement.

Solution

1

!! Error resolving referred content !!

This is text in the first question debrief, authored underneath the image.

(a)

!! Error resolving referred content !!

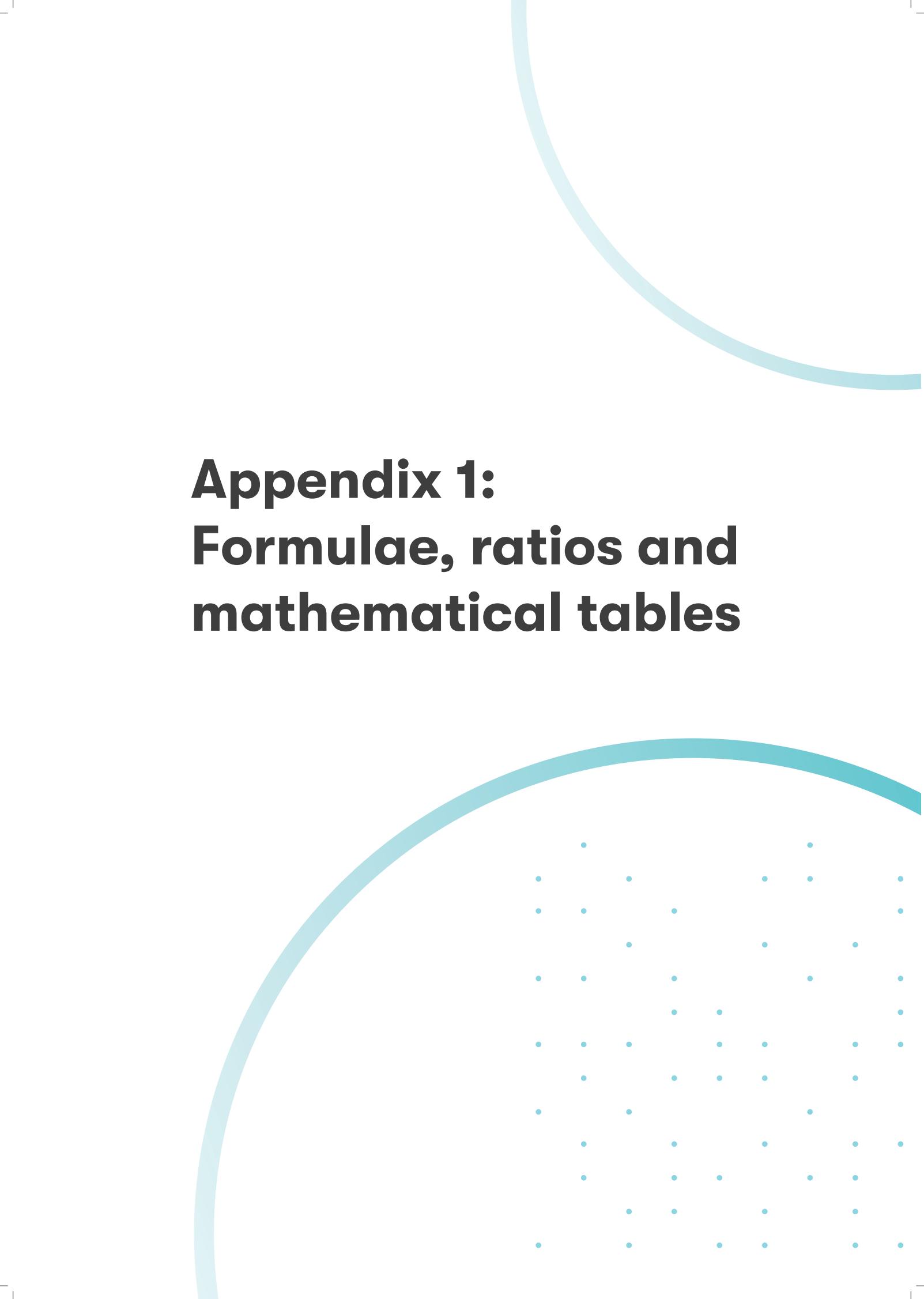
This is text in the first sub-question debrief, authored underneath the image.

- (b) This is the second sub-question debrief

!! Error resolving referred content !!

2 This is the second question debrief.

!! Error resolving referred content !!



Appendix 1: Formulae, ratios and mathematical tables

Appendices

Appendix A: Formulae and ratios that you need to learn

Profitability ratios:

$$\text{ROCE} = \frac{\text{Profit from operations (before interest and tax)}}{\text{Capital employed}}$$

Debt ratios include:

$$\text{Gearing} = \frac{\text{Value of debt}}{\text{Value of equity (or debt + equity)}}$$

$$\text{Interest cover} = \frac{\text{Profit from operations}}{\text{Interest}}$$

Liquidity ratios:

$$\text{Current ratio} = \frac{\text{Current assets}}{\text{Current liabilities}}$$

Shareholder investor ratios include:

$$\text{Dividend yield} = \frac{\text{Dividend per share}}{\text{Share price}} \times 100$$

$$\text{Earnings per share (EPS)} = \frac{\text{Profits after tax - preference dividend}}{\text{Number of ordinary shares}}$$

$$\text{Price to earnings ratio (P/E)} = \frac{\text{Share price}}{\text{EPS}}$$

Working capital ratios

Operating cycle = inventory days + receivable days – payables days

Inventory days = inventory/cost of sales × 365

Receivables days = trade receivables/(credit) sales × 365

Payables days = trade payables/(credit) purchases × 365

Sales to net working capital ratio = sales/net working capital (excl cash)

Cost of capital formulae:

$$K_d = \frac{I(1 - t)}{P_0}$$

$$K_p = \frac{d}{p}$$

Other useful formulae to learn:

$$IRR = a\% + \left[\frac{NPV_a}{NPV_a - NPV_b} \times (b\% - a\%) \right]$$

$$\text{Total shareholder return} = \frac{\text{dividend gain} + \text{capital}}{\text{share price at start year}}$$

$$EAC = \frac{\text{NPV of costs}}{\text{Annuity factor for life of the project}}$$

$$\text{Profitability index} = \frac{\text{Present value of cash inflows (or NPV of the project)}}{\text{Present value of cash outflows}}$$

Appendix B: Mathematical tables

Present Value Table

Annuity Table

Formula Sheet

Economic Order Quantity

$$= \sqrt{\frac{2C_o D}{C_H}}$$

Miller-Orr Model

Return point = Lower limit + ($\frac{1}{3} \times$ spread)

$$\text{Spread} = 3 \left[\frac{\frac{3}{4} \times \text{transaction cost} \times \text{variance of cash flows}}{\text{Interest rate}} \right]^{\frac{1}{3}}$$

The Capital Asset Pricing Model

$$E(n) = R_f + \beta_i(E(r_m) - R_f)$$

The asset beta formula

$$\beta_a = \left[\frac{V_e}{(V_e + V_d(1-T))} \beta_e \right] + \left[\frac{V_d(1-T)}{(V_e + V_d(1-T))} \beta_d \right]$$

The Growth Model

$$P_0 = \frac{D_0(1+g)}{(r_e - g)} \quad r_e = \frac{D_0(1+g)}{P_0} + g$$

Gordon's Growth Approximation

$$g = br$$

The weighted average cost of capital

$$WACC = \left[\frac{V_e}{V_e + V_d} \right] k_e + \left[\frac{V_d}{V_e + V_d} \right] k_d(1 - T)$$

The Fisher formula

$$(1 + i) = (1 + r)(1 + h)$$

Purchasing Power Parity and Interest Rate Parity

$$S_1 = S_0 \times \frac{(1 + h_c)}{(1 + h_b)} \quad F_0 = S_0 \times \frac{(1 + i_c)}{(1 + i_b)}$$

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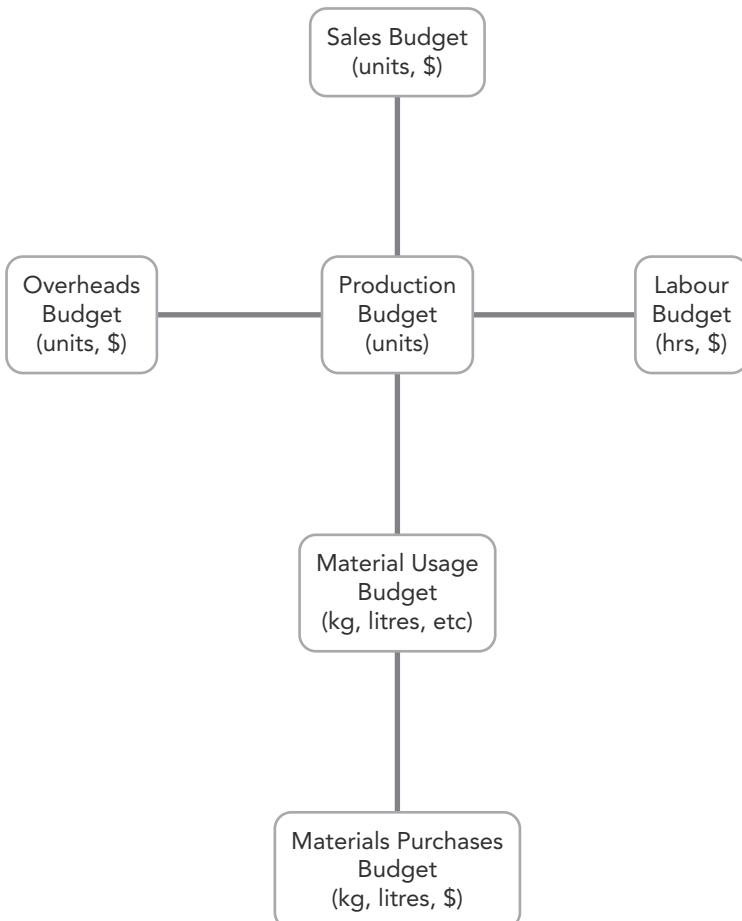
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Figure description here jpeg

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*****THE DOCUMENT HAS ERRORS*****

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